

#### 11231 Come Fork Drive Cincinnati, Chio 45242

513.409.2033 max

venes TRCarbeison, com

June 27, 2013

Underground Storage Tank Section Land and Chemical Division USEPA Region 5 77 West Jackson Boulevard (LR-8J) Chicago, Illinois 60064

Attention:

Ms. Erin Galbraith

Reference:

BUSTR Release #55000232-N00003

**Deltech Polymers Corporation** 

1250 S. Union Street Troy, Ohio 45373

Dear Ms. Galbraith:

TRC Environmental Corporation (TRC) is pleased to provide this letter report to supplement the Closure Assessment Report that was provided by Deltech Polymers Corporation (Deltech) for a 20,000 gallon styrene UST at their facility in Troy, Ohio. As detailed below, TRC concludes that the styrene detected during the Closure Assessment did not originate from the UST, but from a fire that resulted in a styrene release at the ground surface near the UST in 1987.

The entire property owned by Deltech at 1250 S. Union Street is enrolled in Ohio's Voluntary Action Program (VAP). A VAP Phase I Property Assessment has been completed under the direction of Donald A. Fay of TRC (VAP Certified Professional #254), and the VAP Phase II scope of work has been developed and is ready for implementation. As you may be aware, portions of a property that are subject to the jurisdiction of Ohio Bureau of Underground Storage Tank Regulations (BUSTR) or USEPA are ineligible to participate in the VAP. Since the styrene detected near the UST did not originate from a release from the tank, we respectfully request that USEPA review this information and issue a determination of no further action for BUSTR release #55000232-N00003 so that this portion of the property can be eligible for participation in the VAP.

#### **VAP Status**

TRC was retained by Deltech to perform a Voluntary Action Program (VAP) Phase I Property Assessment (Phase I) of the Deltech Facility located at 815, 1241, 1245 and 1250 South Union Street in Troy (Miami County), Ohio 45373 (Property).

The location of the Property is shown on Figure 1. The Property is currently comprised of seven parcels totaling 4.612 acres of land. The Property consists of a polystyrene pellet manufacturing facility (Figure 2). The Phase I was completed on August 4, 2011 in accordance with the VAP Phase I Property Assessment requirements [Ohio Administrative Code Rule (OAC) 3745-300-06]. The purpose of the Phase I is to characterize the designated Property and surrounding area for the purpose of participation in the VAP and to determine the necessity and scope of a Phase II Property Assessment (Phase II), as warranted. Under the VAP, a Phase I determines whether there is any reason to believe that a release of hazardous substances or petroleum has or may have occurred on,

Ms. Erin Galbraith Underground Storage Tank Section June 27, 2013 Page 2

underlying, or is emanating from the Property, including any release from management, handling, treatment, storage, or disposal activities from on- or off-Property activities.

#### Property Description and History

The current industrial use of the Property dates back to 1975-1976 for use as a polystyrene pellet manufacturing facility by Goodson Chemical. Deltech purchased the property in 1991, and current operations include the controlled reaction of styrene monomer to polystyrene through extrusion, contact cooling, cutting and straining processes. Numerous USTs and above ground storage have existed at the Property, and the nomenclature for the tanks varies in certain documents. The 20,000 gallon former styrene UST that is the subject of this report is most commonly referred to as T-12, and in certain documents as T0003. There has been only one 20,000 gallon styrene UST on the Property.

A fire and explosion occurred within the plant on October 21, 1987. The location of the fire was north of the Production Building shown in IA-5: Process Area in Figure 3, which is immediately adjacent to T-12 (labeled Former Styrene UST in Figure 3). (Note: IA-4: Styrene UST Area, API Separator, and Rail Siding refers to T-9 and T-11 styrene USTs [30,000-gallon] that are not the subject of this report).

The Ohio EPA conducted a Preliminary Assessment for Goodson Chemical, dated May 3, 1991 (1991 Preliminary Assessment). This report concluded that 500 to 1,000 gallons of styrene monomer were released and that approximately 500,000 gallons of fire-fighting water were used. Styrene monomer is unstable in its pure form and therefore contains toluene, ethylbenzene and xylenes to keep it from reacting. Over 1,000 cubic yards of styrene-contaminated soil were treated on-site then disposed at the Pinnacle Road landfill. The report notes that contaminated soil extends to depths from 4 to 55 feet below ground surface. Based on three ground water sampling events, a ground water plume containing styrene, toluene, ethylbenzene and xylenes appeared to be migrating east-southeast. As shown in Table 2, the ground water results for MW-3, which is the closest downgradient well to the fire area and T-12, showed elevated concentrations of styrene, toluene, ethylbenzene and xylenes when first sampled a few months after the fire in 1987.

#### **T-12 Documentation**

According to available documentation, T-12 was installed in 1976 and was cleaned and taken out-of-service in November 1998. According to Drue Roberts with BUSTR, a closure letter was issued for closure in place in December 1998 (Incident ID: 55000232-N00001) for two 500-gallon therminol and the one 20,000-gallon styrene USTs. In 2012, and inspection conducted by Ohio EPA identified the said styrene UST. Deltech employees from 1998 were not present during the inspection to identify that the styrene UST was already closed in place. Therefore, the UST was permanently closed in place on December 18, 2012 by filling it with inert material. After the closure assessment (attached) and a review of available files, it was identified that Tank T-12 passed a leak detection test in 1996 prior to being taken out of service (see results for tank labeled TK1 on NDE Environmental Corp. tank system testing report in Attachment 1). There are no records of overfills or other suspected releases from tank T-12. The Closure Assessment Report prepared for T-12 reported concentrations of styrene, toluene, ethylbenzene and xylenes in soil and ground water samples collected near the UST.

Near surface samples collected during the 2012 closure assessment identified higher concentrations than samples collected deeper from the same borehole. Therefore, further supporting that the impacts identified during the 2012 closure is a result of a ground surface source area and not a below ground surface source.



Ms. Erin Galbraith Underground Storage Tank Section June 27, 2013 Page 3

Table: Summary of Attenuation with Depth

| Boring               | В-    | 01   | В     | -04     |
|----------------------|-------|------|-------|---------|
| Depth                | 0'-4' | 15'  | 0'-4' | 12'-16' |
| Chemical of Concern  |       |      |       |         |
| Toluene (mg/Kg)      | 4.36  | 0.81 | 15.1  | 2.69    |
| Ethylbenzene (mg/Kg) | 77.3  | 9.36 | 119   | 20.7    |
| mp-xylene (mg/Kg)    | 2.27  | 0.28 | 7.78  | 1.31    |
| o-xylene (mg/Kg)     | 1.42  | 0.21 | 4.29  | 0.69    |
| styrene (mg/Kg)      | 55.4  | 11.1 | 213   | 63.8    |

#### **Summary and Conclusions**

In summary, there are confirmed releases of styrene, toluene, ethylbenzene and xylenes to the ground surface from a fire that occurred immediately adjacent to tank T-12 in 1987. Tank T-12 passed a tightness test in 1996 and there are no records of overfills or suspected tank releases. In addition, recent soil summary indicates that a near surface impact is the source for underlying identified impacts. It is therefore concluded that the styrene, toluene, ethylbenzene and xylenes detected in soil and ground water samples during the 2012 Closure Assessment are not the result of a release from T-12. If multiple release sources existed, they would be impossible to distinguish because the fire and tank areas are immediately adjacent, the timing is coincident, and chemicals involved are identical.

Based on the above information, we respectfully request that USEPA issue a determination of no further action for BUSTR release #55000232-N00003 so that this portion of the Property can be eligible for participation in the VAP and remedied consistent with non-UST areas of the site.

Please contact the undersigned with any questions.

Sincerely,

#### TRC Environmental Corporation

Donald A. Fay VAP C.P. #254 Michael Z. Bitto Project Manager

cc: Drue E. Roberts – BUSTR

Tom Lowry – Deltech Polymers Corporation

#### **Figures**

- 1 Site Location Map
- 2 Site Features
- 3 VAP Identified Areas

#### **Tables**

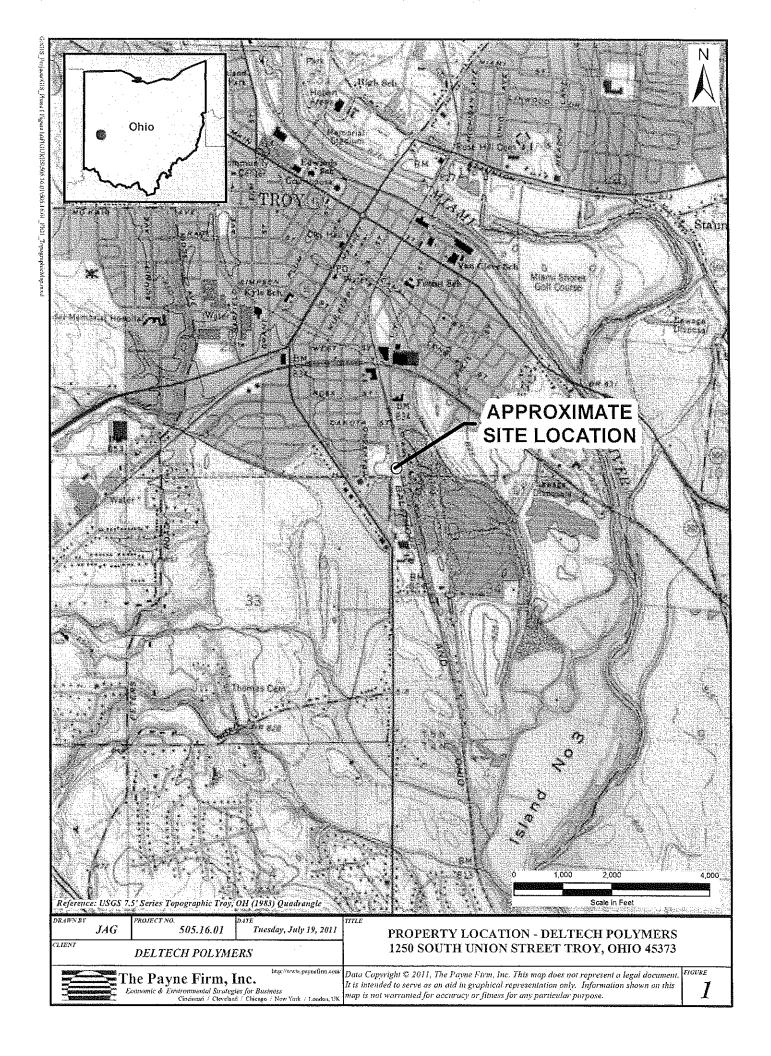
2 – Results from Previous Sampling Events

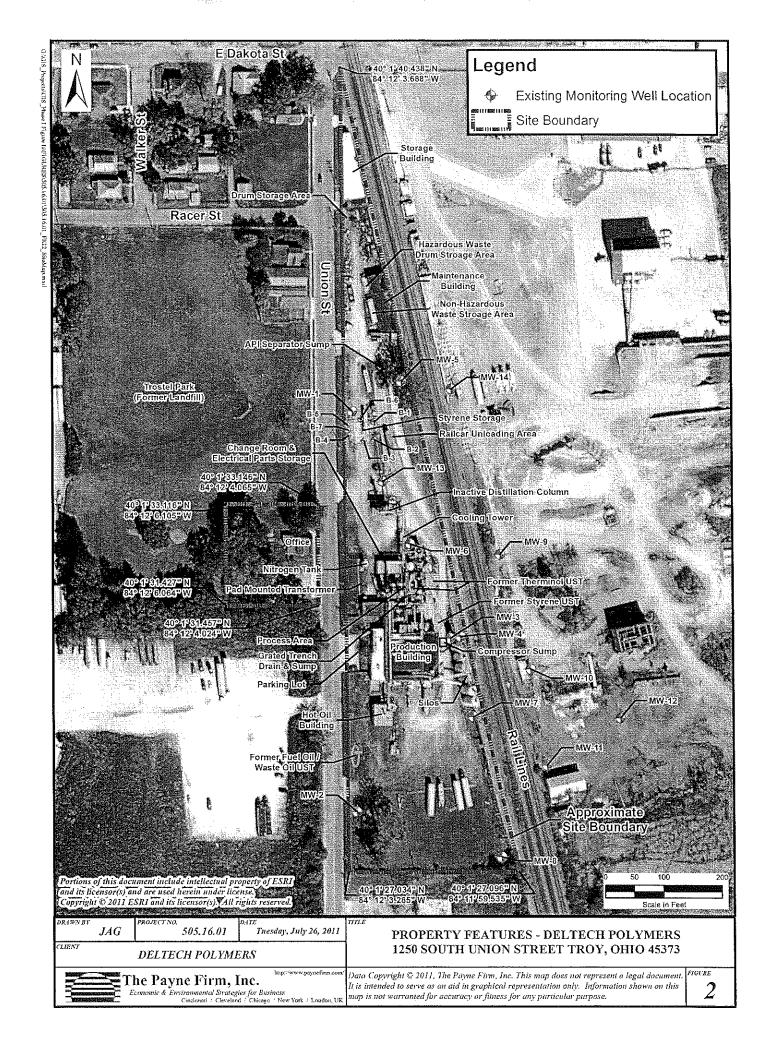
#### Attachments

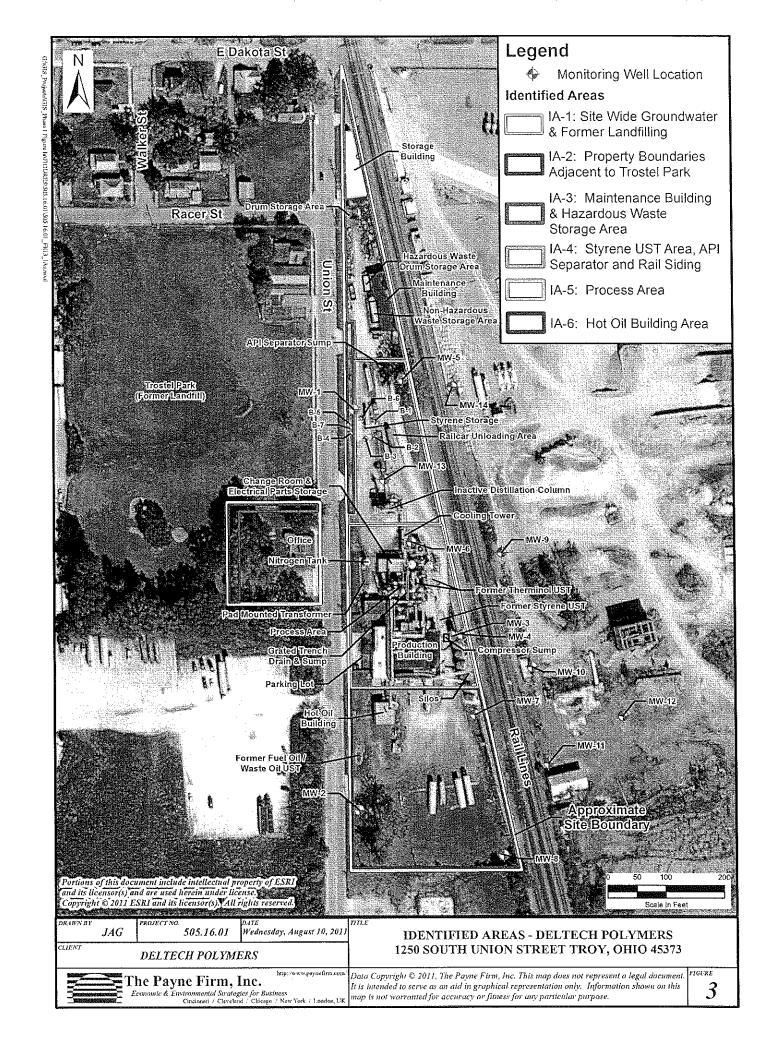
1-T12 Documentation

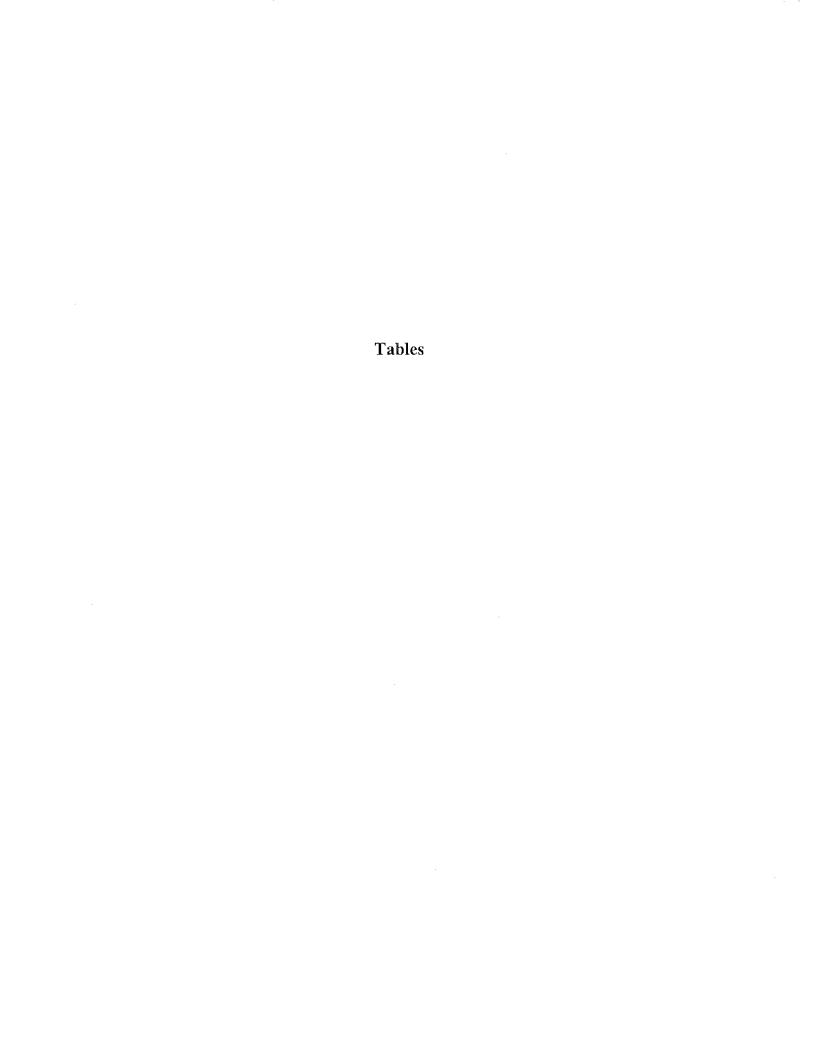














Deltech Polymers Corporation

IABLE 2: Remin from Previous Sampling Events

|                   | ,,,,     | _        | _   | _       |     |
|-------------------|----------|----------|-----|---------|-----|
| June 2001         | F        | ¥        | ĸ   | ž       | 5   |
| Angust<br>2000    | Ħ        | 'n       | E   | Ř       | ţ   |
| Jely 1999         | ħ        | ΪŃ       | ¥   | Þ       | 111 |
| November<br>1998  | ĸ        | TN       | ИT  | ¥       | 153 |
| James and 1998    | K        | X        | МŢ  | M       | ţ   |
| December<br>1996  | ð        | 2        | Q   | Q       | -   |
| March<br>1996     | R        | 9        | Q   | æ       | 44  |
| . Angres<br>1995  | QN.      | Q        | 2   | Ŕ       | 1   |
| May 1996          | æ        | 2        | Ð   | £.      | Ş   |
| Jamery<br>1995    | 2        | 2        | Ð   | ę       | 1   |
| Mry 1994          | CN       | Q.       | £   | £       | 4,  |
| April 1993        | ON.      | æ        | £   | QV.     | 1   |
| March<br>1993     | QX       | 104      | 2.6 | 10.6    |     |
| Describer<br>1991 | £        | £        | 2   | Ą       | į   |
| September<br>1991 | £        | QX.      | QX. | Q       | ,   |
|                   | £        | £        | Ł   | ¥       | 2   |
| Normaber<br>1988  | Ð        | Q        | P.  | £       | ۶   |
| June 1988         | Ŕ        | 2        | £   | £       | ١   |
| April 1988        | £        | ğ        | 문   | £       | ١   |
| December<br>1987  | Q2       | g        | ð   | 2       | ,   |
| Compounds         | estatus. | hybonics | 111 | placase | :   |

Ground Water Analytical Summer; for MW-2 (transles to myll.)

| , |                   | _     | ,           | _                |        |                |
|---|-------------------|-------|-------------|------------------|--------|----------------|
|   | June 2001         | M     | 툿           | ዸ                | Ę      | Ż              |
|   | August<br>2000    | M     | ¥           | ķ                | ĸ      | Ę              |
| - | July 1999         | Ę     | Ę           | X                | Ę      | 支              |
|   | November<br>1998  | NŦ    | Ŋ           | Ę                | 붓      | Ł              |
|   | Janesey<br>1998   | M     | Ķ           | ጅ                | Ę      | Ę              |
| - | December<br>1996  | Q     | CK.         | CN.              | æ      | 2              |
|   | March<br>19%      | Ę     | GY.         | CIN.             | Q      | OZ.            |
|   | Angust<br>1995    | £     | £           | Q                | Q      | ĝ              |
|   | May 1995          | 2     | ON.         | ŒΝ               | 92     | 2              |
| - | Jameary<br>1995   | £     | ND.         | æ                | æ      | 9              |
|   | May 1994          | £     | æ           | ð                | Ð      | Q              |
|   | March<br>1993     | ę     | ę           | Ð                | Q      | ę              |
|   | December<br>1991  | £     | £           | £                | QX     | GZ.            |
|   | September<br>1991 | £     | £           | Ð                | OX.    | Ę              |
|   | Kergerst<br>1929  | 2     | 2           | 左                | ž      | Ş              |
|   | November<br>1988  | •     | ĝ           | 1                |        | ı              |
|   | Àprd 1983         | £     | g           | £                | £      | ş              |
|   | December<br>1987  | £     | £           | £                | £      | G <sub>2</sub> |
|   | Соперенняй        | crans | thylbenzena | Pirate<br>Pirate | obscre | 1              |

Ground Water Analytical Stammary for MW-3 (results in agl.)

|                          | _       | -             |        | $\neg$     | _              |
|--------------------------|---------|---------------|--------|------------|----------------|
| June 2001                | 2       | Ŗ             | ×      | 123        | ₽              |
| August<br>2000           | ę       | 1,200         | 720    | 089        | ğ              |
| July 1999                | £       | 15,000        | Q      | 10,000     | £              |
| Neveraber<br>1998        | eg.     | 12.000        | 4.500  | 6419       | Ð              |
| January<br>1996          | Œ       | 7,200         | æ      | QN         | ĝ              |
| Documber<br>1996         | æ       | 7,800         | R      | <b>8</b> 2 | Ð              |
| Acuret<br>1996           | , ex    | 000'B         | 2,200  | 2,200      | Q              |
| August<br>1995           | Q       | 1,200         | 061    | S.         | £              |
| May 1995                 | 2       | 4,400         | 2200   | 120        | QN.            |
| Аванагу<br>19%           | £       | 8,500         | 10,000 | 2,600      | 2              |
| May 1994                 | 4       | 6,400         | ğ      | 97,6       | R              |
| March<br>1993            | Ş       | 3,200         | 2,300  | 466        | \$2.5          |
| December<br>1991         | 4       | 1,400         | 4,900  | 1,600      | 13             |
| September<br>1991        | ş       | 22,800        | 00501  | 20,200     | 907            |
| August<br>1989           | £       | 2             | Ę      | Ę          | £              |
| March<br>1985            | £       | 005-\$1       | 25,000 | 14,900     | 18             |
| November<br>1988         | ę       | 24,500        | 3,700  | 7,740      | ×              |
| Angust<br>1988           | 2       | 9             | 6,700  | 29,000     | 50,530         |
| May 1968                 | £       | 2500          | 133    | 1,300      | £              |
| 2957 April 1985 May 1988 | 5       | 88.88         | 9      | 16,800     | 2              |
| December<br>1957         | 153     | 46,000        | 2,50   | 3,600      | 8              |
| Compounds                | Benzere | Ethylbertonic | Street | Tologe     | Xytenes, Total |

|  |   | ı        |          |                                  |           |                          |
|--|---|----------|----------|----------------------------------|-----------|--------------------------|
| September December March Auril 1993 May 1994 Lisys May 1994 August 1995 1995 |   |          | March De | Mercanber (November<br>1996 1998 | July 1999 | August June 2001<br>2000 |
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NA = Not A Artikle
NA = That A Artikle
+ " Andicists con powel present but below specified detection Entit
NT = Net Tested for Specific Compound

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DRAFT

#### Attachment 1

**T12** Documentation

#### CERTIFICATE OF UNDERGROUND STORAGE TANK SYSTEM TESTING

rile copy

#### NDE ENVIRONMENTAL CORPORATION 8906 WALL STREET, SUITE 306 AUSTIN, TEXAS 78764 (512) 719-4633

(512) 719-4633 FAX (512) 719-4986

#### TEST RESULT SITE SUMMARY REPORT

TEST TYPE: VPLT

TEST DATE:

July 18, 1996

WORK ORDER NUMBER: 664293

CLIENT: DELTECH POLYMERS

1250 SOUTH UNION ST.

TROY, OH 45373

SITE: DELTECH POLYMER

1250 SOUTH UNION ST.

TROY, OH 45373

ATTN: JIM MATHIS

The following tests were conducted at the site above in accordance with all applicable portions of Federal, NFP A and local regulations.

#### **Tank Tests**

| TANK<br>NUMBER                   | E PRODUCT:                    | TANK<br>CAPACITY<br>(Gallons) | TAN<br>PDIAMETER<br>(Inches) | STANK<br>Se FRESULT  | (OLUME<br>CHANGE<br>P(GPD) | USILAGE (*<br>7 RESULTS |
|----------------------------------|-------------------------------|-------------------------------|------------------------------|----------------------|----------------------------|-------------------------|
| TK1 (T-12) TK2 (T-17) TK3 (T-11) | STYRENE<br>STYRENE<br>STYRENE | 20,000<br>30,000<br>30,000    | 120.0<br>140.0<br>140.0      | PASS<br>PASS<br>PASS | 0.009<br>-0.018<br>0.022   |                         |

#### Line and Leak Detector Tests

| TANK<br>INUMBER   | PHODUST                       | YOLUME OHANGE;<br>Se(d)hills<br>A j B s a o b | ENERESED<br>(Expass/Exall<br>Janconclusiva)<br>A. B. C. D | LEAK<br>DETECTOR<br>PHESENTS | IEAK<br>DETECTION<br>HEGUET |
|-------------------|-------------------------------|---|---|------------------------------|-----------------------------|
| TK1<br>TK2<br>TK3 | STYRENE<br>STYRENE<br>STYRENE |   |   |                              |                             |
|                   |                               | •.  |   |                              |                             |

NDE appreciates the opportunity to serve you, and looks forward to working with you in the future. Please call any time, day or night, when you need us.

NDE Customer Service Répresentative:

Test conducted by:

DON SCOTT

JAY VOGEL

Racin Number:

Reviewed:

#### Ohio Department of Commerce

John R. Kasich Governor Division of State Fire Marshal 8895 East Main Street & P.O. Box 529 Revnoldsburg; OH 43068 (614):752-7126, FAX (614) 995-4206 Www.comstate.oh.us

David Goodman Director

#### Underground Storage Tank Registration Certificate

Effective JUL 01,2012, Through JUN 30,2013

OWNER NO. W000837 TOM LOWRY DELTECH POLYMERS CORP 1250 S UNION ST TROY, OHIO 45373 FACILITY NO. 55000232 DELTECH POLYMERS CORP. 1250 SUNION ST TROY OH MIAMI County

#### THIS CERTIFIES THAT THE FACILITY, AS LISTED ABOVE. HAS BEENDULY REGISTERED

#### THE FOLLOWING TANK(S) HAVE BEEN REGISTERED AT THIS FACILITY:

|   |   | ٠, |     | 20 | : 1 |    | V. |   |   | - 5 | ٠. | •      |            | 53     | ٠, |          | <br>٠. | ť. | •  |   |   | 100 | ٠. | и,     | 1   |   |          | ٠. | . 3 | . 4 | ÷, | ٠. | -> |   |        |   |   |    | ŧ٠. | h:   |    | 2  |        | 13 | ٠. | 2  | LL. | ٠.: | ٠. |    | _,  | ٠. | ٠., | m | 100 |   | 1.0 | -  |   | 4.0 | ii. | - 3 | 7.5 | 100 |          | 4 | 12.7 | $L_{i}$ |   |    | - |     | 1  |    | منت | تهنم | فيورة | - | • | ÷  | 4. |
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| j | ř | ï  | Ô   | 0  | Ò   | Ó  | ľ  | Ī | Ī | ì   |    | e<br>V | <i>1</i> 1 | ,<br>, |    |          | Ÿ.     | 1  |    | Ć | Ÿ | Š   | 3  | ï      | **  |   |          | 7  | 1   | 7   | ř. | V  |    | T | ť,     | Ì |   | ij | j   | ď    | ρ  | Ō. | Ý      | ή  | ă  | ij | þ   | ñ   | Š  | N. | · · | Ť  | 7   |   | ×   | ť | 1   |    | Ī | 3   | Ĭ   | å   | į   | ij  | Ü        | ð | ý    | ä       | 3 | ľ  | I | ř   | ű  | j  | įç  | ŕ    | Š     | 8 |   | ं  | j  |
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June 27, 2013

Underground Storage Tank Section Land and Chemical Division USEPA Region 5 77 West Jackson Boulevard (LR-8J) Chicago, Illinois 60064

Attention:

Ms. Erin Galbraith

Reference:

BUSTR Release #55000232-N00003

**Deltech Polymers Corporation** 

1250 S. Union Street Troy, Ohio 45373

Dear Ms. Galbraith:

As instructed by the Ohio Bureau of Underground Storage Tank Regulations (BUSTR), please find the attached Closure Assessment Report for a 20,000-gallon styrene UST that was closed in place on December 18, 2012.

Also attached is a letter report prepared by our consultant, TRC Environmental Corporation (TRC), which concludes that the styrene detected during the Closure Assessment did not originate from the UST. As detailed in the report, the styrene is believed to have resulted from a fire that occurred at our plant in October 1987.

Styrene is known to have been released in the area of the 20,000-gallon UST during the fire, and is being addressed under Ohio's Voluntary Action Program under the direction of Donald A. Fay of TRC (CP#254). We understand that the 20,000-gallon UST (and two 500-gallon therminol USTs) was issued a successful closure in place (55000232-N00001) in December 1998 from the Ohio BUSTR. We respectfully request that USEPA review this information and issue a determination of no further action for BUSTR release #55000232-N00003 so that this portion of our property can be eligible for participation in the VAP.

Please contact the undersigned with any questions.

Sincerely,

**Deltech Polymers Corporation** 

1 om Loury

Tom Lowry

cc: Drue E. Roberts - BUSTR



#### **BUSTR CLOSURE FORM - 2005**

(Due within ninety days from the date of sample collection)

#### OWNER/OPERATOR AND FACILITY DATA

| UWNLKUPLKATUKANI  | TACHULDAIA                          |  |  |  |  |  |  |  |  |  |  |
|---|-------------------------------------|--|--|--|--|--|--|--|--|--|--|
|   |                                     |  |  |  |  |  |  |  |  |  |  |
| UST OWNER INFORMATION:  | FACILITY INFORMATION:               |  |  |  |  |  |  |  |  |  |  |
| COMPANY: Deltech Polymers Corp.   | COMPANY: Deltech Polymers Corp.     |  |  |  |  |  |  |  |  |  |  |
| ADDRESS: 1250 South Union Street  | ADDRESS: 1250 South Union Street    |  |  |  |  |  |  |  |  |  |  |
| CITY, STATE: Troy, Ohio   | CITY: Troy                          |  |  |  |  |  |  |  |  |  |  |
| ZIP: 45373  | COUNTY: Miami                       |  |  |  |  |  |  |  |  |  |  |
| CONTACT PERSON: Tom Lowry   | LAT/LONG: 40.02523 / -84.20087      |  |  |  |  |  |  |  |  |  |  |
| PHONE: (937) 339-3150   | FACILITY ID#: 55000232              |  |  |  |  |  |  |  |  |  |  |
| PERMIT#: P00003   | FIRE DEPARTMENT: City of Troy, Ohio |  |  |  |  |  |  |  |  |  |  |
|   |                                     |  |  |  |  |  |  |  |  |  |  |
| UST OPERATOR INFORMATION:   | PROPERTY OWNER INFORMATION:         |  |  |  |  |  |  |  |  |  |  |
| COMPANY: Deltech Polymers Corp.   | COMPANY: Deltech Polymers Corp.     |  |  |  |  |  |  |  |  |  |  |
| ADDRESS: 1250 South Union Street  | ADDRESS: 1250 South Union Street    |  |  |  |  |  |  |  |  |  |  |
| CITY, STATE: Troy, Ohio   | CITY, STATE: Troy, Ohio             |  |  |  |  |  |  |  |  |  |  |
| ZIP: 45373  | ZIP: 45373                          |  |  |  |  |  |  |  |  |  |  |
| CONTACT PERSON: Tom Lowry   | CONTACT PERSON: Tom Lowry           |  |  |  |  |  |  |  |  |  |  |
| PHONE: (937) 339-3150   | PHONE: (937) 339-3150               |  |  |  |  |  |  |  |  |  |  |
| DATE THE UST WAS LAST USED: October 1, 1998 PERSON (COMPANY) THAT LAST USED THE UST: De   | eltech Polymers Corp                |  |  |  |  |  |  |  |  |  |  |
| SITE HISTORY AND VISUAL   | SITE EVALUATION                     |  |  |  |  |  |  |  |  |  |  |
| This BUSTR Closure Form concerns a 20,000 gallon steel UST used to store styrene polymer for use in the manufacturing process, last used on October 1, 1998. The UST was cleaned and taken out of service in November 1998. The UST has remained in this same state since. A letter dated January 2, 2004 is included in Appendix G presenting additional UST history. The UST is located along the eastern portion of the property owned and operated by Deltech Polymers Corporation (see Appendix A). The UST is located beneath a concrete surface that is curbed to direct spillage on the surface into a concrete lined retention basin. The UST system is located adjacent to and under process equipment and support structures that would be damaged or weakened if the UST system is removed. Deltech Polymers Corp. received an Approval for Closure-In-Place letter dated July 12, 2012 and Permit dated September 07, 2012 (Appendix B). Deltech Polymers Corp permanently closed the UST in-place by filling the UST with low strength ODOT Mortar mix on December 18, 2012 by direct placement of 100 cubic yards into the UST (Trip tickets of materials delivered are included in Appendix G). The Field Inspection Report of In-Place Closure activities is included in Appendix C. The Site is in the Ohio Voluntary Action Program (VAP) regarding an explosion that occurred at the Site in 1987. This explosion resulted in impacts to the Site soil and groundwater. |                                     |  |  |  |  |  |  |  |  |  |  |

#### NO UST EXCAVATION WAS CONDUCTED - UST CLOSURE IN-PLACE.

Thus the elevated concentrations detected in the soil and groundwater presented within this BUSTR Closure Form

| 计多点         |   |
|-------------|---|
|             | CLOSURE CONCLUSIONS                       |
| CI _ I      |   |
|             | ect one of the following:                 |
|             | A TIER 1 SOURCE INVESTIGATION IS REQUIRED |
| $\boxtimes$ | NO FURTHER ACTION REQUESTED               |

are being addressed as required in the VAP.

#### UNDERGROUND STORAGE TANK (UST) SYSTEM DATA

| UST#   | AGE    | CAPACITY | PRODUCT | CONST.<br>MATERIAL | UST<br>STATUS | DATE<br>LAST<br>USED | PIPE<br>STATUS | DISP.<br>STATUS | DATE<br>REMOVED  |
|--------|--------|----------|---------|--------------------|---------------|----------------------|----------------|-----------------|--|
| T00003 | ±25yrs | 20,000   | STYRENE | STEEL              | OOS>90        | 10/01/1998           | NONE           | NONE            | CLOSURE<br>IN-PLACE<br>12/18/2012  |
|        |        |          |         |                    |               |                      |                |                 |  |
|        |        |          |         |                    |               | ,                    |                |                 | A Control of the Cont |
|        |        |          |         |                    |               |                      |                |                 |  |
|        |        |          |         |                    |               |                      |                |                 |  |

STATUS= OOS<90 - Out of Service < 90 days OOS>90 - Out of Service > 90 days RE - Replace R - Removed CIU - Currently In Use NA - Not Applicable CIS - Change in Service CIP - Closed in Place

#### SAMPLE DATA SAMPLE COLLECTION PROCEDURES: SAMPLE PRESERVATION: Soil samples split in the field for laboratory analyses were placed directly into laboratory supplied containers (glass jars with Teflon lids). Groundwater samples placed into laboratory supplied 40-ml vials, preserved with HCl and placed into cooler with ice. SAMPLING EQUIPMENT: Soil: GeoProbe 54DT Groundwater: Disposable polyethylene bailers SAMPLING METHOD: Soil: Direct push methodology with 4' sample liners to refusal. Groundwater samples collected using disposable polyethylene bailers. FIELD SCREENING: **INSTRUMENT USED:** RAE MINIRAE 2000 PID WITH 10.6 EV LAMP Soil samples split in field into laboratory supplied containers and zip-METHODOLOGY USED: lock baggies. Laboratory containers placed on ice and baggies allowed to equilibrate to ambient conditions. Probe of PID inserted into baggies and concentration of sample interval recorded. **CALIBRATION PROCEDURES:** Instrument was received calibrated by supplier (Argus-Hazco, Dayton, OH).

#### GROUNDWATER DATA MARK THE CORRECT CHOICE: SENSITIVE AREA: YES ⊠ NO □ <u>**DEPTH TO GROUND WATER:**</u> <15' ☐ 15-30' ☐ 31-50' ☐ >50' ☐ ACTUAL DEPTH: \_19.97 IF UNKNOWN DEPTH TO GROUND WATER, DEFAULT TO <15 FEET IF A DEPTH TO GROUND WATER OTHER THAN <15' IS USED, DOCUMENTATION MUST BE PROVIDED. WAS WATER PRESENT IN EXCAVATION? YES 🗌 NO □N/A WAS A WATER SAMPLE TAKEN? YES NO GW Wells WATER SAMPLE COLLECTED AFTER EXCAVATION EVACUATED? □ NO □ N/A YES UST Closure IN-PLACE - NO EXCAVATION CONDUCTED SOIL DATA CIRCLE CORRECT CHOICE: **SOIL CLASSIFICATION:** SOIL CLASS 1 SOIL CLASS 2 SOIL CLASS 3 SOIL SYMBOL: GW, GP, GM, GC, SW, SP, SM, SC, ML, CL, OL, MH CH, OH, PT MARK THE CORRECT CHOICE: SOIL CLASS 1 ☒ SOIL CLASS 2 SOIL CLASS 3 NOTE: GEOTECHNICAL LAB ANALYSIS MUST BE PROVIDED IF SOIL CLASS 2 OR 3 IS USED

#### FIELD SCREENING DATA

| DATE SAMPLE COLLECTED | SAMPLE<br>ID | LOCATION  | DEPTH | FIELD SCREENING<br>READING | SUBMITTED<br>TO LAB? |
|-----------------------|--------------|-----------|-------|----------------------------|----------------------|
| 09/19/2012            | 1A           | Boring B1 | 0-4   | 593                        | $\boxtimes$          |
| 09/19/2012            | 1B           | Boring B1 | 4-8   | 60.6                       |                      |
| 09/19/2012            | 1C           | Boring B1 | 8-12  | 133                        |                      |
| 09/19/2012            | 1D           | Boring B1 | 12-15 | 46.8                       |                      |
| 09/19/2012            | 1E           | Boring B1 | 15-16 | 110                        | $\boxtimes$          |
| 09/19/2012            | 2A           | Boring B2 | 0-4   | 49.5                       |                      |
| 09/19/2012            | 2B           | Boring B2 | 4-8   | 44.5                       |                      |
| 09/19/2012            | 2C           | Boring B2 | 8-12  | 435                        | $\boxtimes$          |
| 09/19/2012            | 2D           | Boring B2 | 12-16 | 71.5                       |                      |
| 09/20/2012            | 3A           | Boring B3 | 0-4   | 68.8                       |                      |
| 09/20/2012            | 3B           | Boring B3 | 4-8   | 23.2                       |                      |
| 09/20/2012            | 3C           | Boring B3 | 8-12  | 457                        |                      |
| 09/20/2012            | 3D           | Boring B3 | 12-16 | 2264                       |                      |
| 09/20/2012            | 3E           | Boring B3 | 16-20 | >9999                      | $\boxtimes$          |
| 09/20/2012            | 4A           | Boring B4 | 0-4   | 364                        | $\boxtimes$          |
| 09/20/2012            | 4B           | Boring B4 | 4-8   | 214                        |                      |
| 09/20/2012            | 4C           | Boring B4 | 8-12  | 103                        |                      |
| 09/20/2012            | 4D           | Boring B4 | 12-16 | 67.7                       | Ø                    |

#### NAME AND AFFILIATION OF PERSON COLLECTING SAMPLES:

T. Greetis, KEI

DIMENSIONS OF EXCAVATION: No Excavation Conducted - CLOSURE IN-PLACE

#### LABORATORY DATA

LABORATORY NAME: S&S ONSITE ANALYTICAL LLC

ADDRESS: 7277 TOWNSHIP ROAD 95, FINDLAY, OHIO

PHONE #: (419) 722-4597

LABORATORY ANALYST NAME: ROBERT SCHOCK

CHEMICAL OF CONCERN / TEST METHOD: Soils: VOCs / 8260 Water: VOCs / 8260

DATE SAMPLES RECEIVED BY LAB: Soils: 09/25/2012 Water: 11/01/2012

DATE SAMPLES ANALYZED BY LAB: Soils: 09/25/2012 Water: 11/03/2012

#### UST EXCAVATION ANALYTICAL RESULTS

|                          | WATER    | WATER    | ACTION    | SOIL      | SOIL     | SOIL      | ACTION    |  |  |  |  |
|--------------------------|----------|----------|-----------|-----------|----------|-----------|-----------|--|--|--|--|
| SAMPLE ID:               | MW4      | MW6      | LEVEL     | 1A        | 1E       | 2C        | LEVEL     |  |  |  |  |
| CHEMICAL OF CONCERN:     |          |          |           |           |          |           |           |  |  |  |  |
| BENZENE                  | <0.00154 | <0.00154 | 0.005     | <0.00086  | <0.00086 | <0.00086  | 0.149     |  |  |  |  |
| TOLUENE                  | <0.00153 | <0.00153 | 1         | 4.35      | 0.81     | 28.9      | 49.1      |  |  |  |  |
| ETHYLBENZENE             | <0.00143 | 0.00874  | 0.7       | 77.3E     | 9.38     | 291 E     | 45,5      |  |  |  |  |
| TOTAL XYLENES            | <0.00467 | <0.00467 | 10        | 3.69      | 0.59 J   | 13.7      | 15.7      |  |  |  |  |
| MTBE                     | <0.00246 | <0.00246 | 0.04      | <0.00107  | <0.00107 | < 0.00107 | 0.470     |  |  |  |  |
| BENZO (a) ANTHRACENE     | NT       | NT       | 0.00026   | NT        | NT       | NT        | 11.0      |  |  |  |  |
| BENZO (a) PYRENE         | NT       | NT       | 0.0002    | NT        | NT       | NT        | 1.1       |  |  |  |  |
| BENZO (b) FLUORANTHENE   | NT       | NT       | 0.00017   | NT        | NT       | NT        | 11.0      |  |  |  |  |
| BENZO (k) FLUORANTHENE   | NT       | NT       | 0.0017    | NT        | NT       | NT        | 110.0     |  |  |  |  |
| CHRYSENE                 | NT       | NT       | 0.047     | NT        | NT       | NT        | 1,100.0   |  |  |  |  |
| DIBENZ (a,h) ANTHRACENE  | NT       | NT       | 0.0002    | NT        | NT       | NT        | 1.1       |  |  |  |  |
| INDENO (1,2,3-cd) PYRENE | NT       | NT       | 0.00022   | NT        | NT       | NT        | 11.0      |  |  |  |  |
| NAPHTHALENE              | <0.00286 | <0.00286 | 0.14      | 0.32 J    | 0.16 J   | 0.12 J    | 39.8      |  |  |  |  |
| TPH (C6-C12)             | NT       | NT       | -         | NT        | NT       | NT        | 1,000.0   |  |  |  |  |
| TPH (C10-C20)            | NT       | NT       | -         | NT        | NT       | NT        | 2,000.0   |  |  |  |  |
| TPH (C20-C34)            | NT       | NT       |           | NT        | NT       | NT        | 5,000.0   |  |  |  |  |
| OTHER: Styrene           | <0.00180 | 0.00590  | 0.100 [a] | 55.4E     | 11.1     | 378 E     | 1,700 [a] |  |  |  |  |
| Isopropylbenzene         | <0.00154 | <0.00154 | 1.400 [a] | 2.72      | 0.38     | 9.56      | 260 [a]   |  |  |  |  |
| n-propylbenzene          | <0.00150 | <0.00150 | NE        | 1.84      | 0.27 J   | 4.58      | NE        |  |  |  |  |
| 1,3,5-trimethylbenzene   | <0.00191 | <0.00191 | 0.140 [a] | < 0.00144 | <0.00144 | <0.00144  | 95 [a]    |  |  |  |  |
| 1,2,4-trimethylbenzene   | <0.00181 | <0.00181 | 0.140 [a] | <0.00128  | <0.00128 | 0.14 J    | 120 [a]   |  |  |  |  |
| n-butylbenzene           | <0.00119 | <0.00119 | NE        | <0.00121  | <0.00121 | 0.14 J    | NE        |  |  |  |  |
| Sec-butylbenzene         | <0.00175 | <0.00175 | NE        | 0.16 J    | <0.00135 | <0.00135  | NE        |  |  |  |  |

#### UST EXCAVATION ANALYTICAL RESULTS (CONTINUED):

|                          | WATER    | WATER     | ACTION    | SOIL      | SOIL      | SOIL      | ACTION    |  |  |  |
|--------------------------|----------|-----------|-----------|-----------|-----------|-----------|-----------|--|--|--|
| SAMPLE ID:               | MW13     | B4        | LEVEL     | 3E        | 4A        | 4D        | LEVEL     |  |  |  |
| CHEMICAL OF CONCERN:     |          |           |           |           |           |           |           |  |  |  |
| BENZENE                  | <0.00154 | <0.00154  | 0.005     | <0.00086  | <0.00086  | <0.00086  | 0.149     |  |  |  |
| TOLUENE                  | <0.00153 | <0.00153  | 1         | 124 E     | 15.1      | 2.69      | 49.1      |  |  |  |
| ETHYLBENZENE             | <0.00143 | 0.453E    | 0.7       | 223 E     | 119 E     | 20.7      | 45.5      |  |  |  |
| TOTAL XYLENES            | <0.00467 | 0.01685   | 10        | 102.2     | 11.98     | 2.00      | 15.7      |  |  |  |
| MTBE                     | <0.00246 | <0.00246  | 0.04      | <0.00107  | <0.00107  | <0.00107  | 0.470     |  |  |  |
| BENZO (a) ANTHRACENE     | NT       | NT        | 0.00026   | NT        | NT        | NT        | 11.0      |  |  |  |
| BENZO (a) PYRENE         | NT       | NT        | 0.0002    | NT        | NT        | NT        | 1.1       |  |  |  |
| BENZO (b) FLUORANTHENE   | NT       | NT        | 0.00017   | NT        | NT        | NT        | 11.0      |  |  |  |
| BENZO (k) FLUORANTHENE   | NT       | NT        | 0.0017    | NT        | NT        | NT        | 110.0     |  |  |  |
| CHRYSENE                 | NT       | NT        | 0.047     | NT        | NT        | NT        | 1,100.0   |  |  |  |
| DIBENZ (a,h) ANTHRACENE  | NT       | NT        | 0.0002    | NT        | NT        | NT        | 1.1       |  |  |  |
| INDENO (1,2,3-cd) PYRENE | NT       | NT        | 0.00022   | NT        | NT        | NT        | 11.0      |  |  |  |
| NAPHTHALENE              | <0.00286 | <0.00286  | 0.14      | 0.44 J    | < 0.00174 | <0.00174  | 39.8      |  |  |  |
| TPH (C6-C12)             | NT       | NT        | -         | NT        | NT        | NT        | 1,000.0   |  |  |  |
| TPH (C10-C20)            | NT       | NT        | -         | NT        | NT        | NT        | 2,000.0   |  |  |  |
| TPH (C20-C34)            | NT       | NT        | -         | NT        | NT        | NT        | 5,000.0   |  |  |  |
| OTHER: Styrene           | <0.00180 | 0.230     | 0.100 [a] | 351 E     | 213 E     | 53.8 E    | 1,700 [a] |  |  |  |
| Isopropylbenzene         | <0.00154 | 0.00157J  | 1.400 [a] | 106 E     | 10.5      | 1.54      | 260 [a]   |  |  |  |
| n-propylbenzene          | <0.00150 | <0.00150  | NE        | 86.6 E    | 8.56      | 1.21      | NE        |  |  |  |
| 1,3,5-trimethylbenzene   | <0.00191 | <0.00191  | 0.140 [a] | 1.08      | <0.00144  | <0.00144  | 95 [a]    |  |  |  |
| 1,2,4-trimethylbenzene   | <0.00181 | <0.00181  | 0.140 [a] | 0.92      | <0.00128  | <0.00128  | 120 [a]   |  |  |  |
| n-butylbenzene           | <0.00119 | <0.00119  | NE        | 0.37      | <0.00121  | < 0.00121 | NE        |  |  |  |
| Sec-butylbenzene         | <0.00175 | < 0.00175 | NE        | < 0.00135 | < 0.00135 | < 0.00135 | NE        |  |  |  |

E = Concentration in sample exceeds the calibration range of the instrument.

Concentrations are reported in mg/kg for soil and mg/L for water

IF ACTION LEVELS ARE EXCEEDED, CONDUCT A TIER 1 SOURCE INVESTIGATION PURSUANT TO OAC 1301:7-9-13(H).

#### NOTE:

DATA PRESENTED IN ABOVE TABLE REPRESENTS SOIL DATA FROM SOIL BORINGS COMPLETED SURROUNDING THE UST AND GROUNDWATER SAMPLING FROM NEARBY MONITORING WELLS. LABORATORY ANALYTICAL REPORTS AND ASSOCIATED CHAIN-OF-CUSTODY REPORTS ARE INCLUDED IN APPENDIX D AND E RESPECTIVELY.

J=Compound results were between the Method Detection Limit (MDL) and Reporting Limit (RL).

<sup>[</sup>a] = OEPA VAP Action Level in accordance with OAC 3745-300-08 effective date 03/01/2009

NE = Not established

#### PHYNGRUN, REMOTE FILL PIPE, DISPENSERISLAND ANALYTICAL RESULTS

|                          | SOIL     | SOIL     | SOIL  | SOIL   | SOIL     | SOIL | SOIL    | ACTION                                |
|--------------------------|----------|----------|-------|--------|----------|------|---------|---------------------------------------|
| SAMPLE ID:               |          |          |       |        |          |      | 1 3 3 2 | LEVEL                                 |
| CHEMICAL OF CONCERN:     |          |          |       |        |          |      |         |                                       |
| BENZENE                  |          | 1        | l .   |        | <u> </u> | T    |         | 0.149                                 |
| TOLUENE                  |          | <u> </u> |       | 1      |          |      |         | 49.1                                  |
| ETHYLBENZENE             | П        | NO       | T APP | LICAB  | LE       | i    |         | 45.5                                  |
| TOTAL XYLENES            |          | NO U     | ST EX | CAVAT  | TION     |      |         | 15.7                                  |
| MTBE                     |          | CLO      | SURE  | IN-PLA | ACE      |      |         | 0.470                                 |
| BENZO (a) ANTHRACENE     | <b> </b> | 1        |       |        |          | 1    |         | 11.0                                  |
| BENZO (a) PYRENE         |          |          |       |        |          |      |         | 1.1                                   |
| BENZO (b) FLUORANTHENE   |          |          |       |        |          |      |         | 11.0                                  |
| BENZO (k) FLUORANTHENE   |          |          |       |        |          |      |         | 110.0                                 |
| CHRYSENE                 |          |          |       |        |          |      |         | 1,100.0                               |
| DIBENZ (a,h) ANTHRACENE  |          |          |       |        |          |      |         | 1.1                                   |
| INDENO (1,2,3-cd) PYRENE |          |          |       |        |          |      |         | 11.0                                  |
| NAPHTHALENE              |          |          |       |        |          |      |         | 39.8                                  |
| TPH (C6-C12)             |          |          |       |        | 1        |      | 1       | 1,000.0                               |
| TPH (C10-C20)            |          |          |       |        |          | İ    |         | 2,000.0                               |
| TPH (C20-C34)            |          |          |       |        |          |      |         | 5,000.0                               |
| OTHER:                   |          |          |       |        | 1        |      |         | · · · · · · · · · · · · · · · · · · · |

IF ACTION LEVELS ARE EXCEEDED, CONDUCT A TIER 1 SOURCE INVESTIGATION PURSUANT TO OAC 1301:7-9-13(H).

#### STOCKPILE ANALYTICAL RESULTS

| STOCKPILE ID:            |   |       |       |    |   |         |         |
|--------------------------|---|-------|-------|----|---|---------|---------|
| CUBIC YARDS:             |   |       |       |    |   | ACTION  | RE-USE  |
| STOCKPILE DISPOSITION*   |   |       |       |    |   | LEVEL   | LEVEL   |
| CHEMICAL OF CONCERN:     | • |       |       |    |   | 1.      |         |
| BENZENE                  |   | I     |       |    |   | 0.149   | 0.015   |
| TOLUENE                  |   | APPL  |       |    |   | 49.1    | 4.91    |
| ETHYLBENZENE             | NO US                                   |       |       |    | ļ | 45.5    | 4.55    |
| TOTAL XYLENES            | CLOS                                    | URE I | N-PLA | CE |   | 15.7    | 15.7    |
| MTBE                     |   |       |       |    | · | 0.470   | 0.047   |
| BENZO (a) ANTHRACENE     |   |       |       |    |   | 11.0    | 2.2     |
| BENZO (a) PYRENE         |   |       |       |    |   | 1.1     | 1.1     |
| BENZO (b) FLUORANTHENE   |   |       |       |    |   | 11.0    | 5.53    |
| BENZO (k) FLUORANTHENE   |   |       |       |    |   | 110.0   | 1.97    |
| CHRYSENE                 |   |       |       |    |   | 1,100.0 | 1.27    |
| DIBENZ (a,h) ANTHRACENE  |   |       |       |    |   | 1.1     | 0.94    |
| INDENO (1,2,3-cd) PYRENE |   |       |       |    |   | 11.0    | 0.15    |
| NAPHTHALENE              |   |       |       |    |   | 39.8    | 3.98    |
| TPH (C6-C12)             |   |       |       |    |   | 1,000.0 | 1,000.0 |
| TPH (C10-C20)            |   |       |       |    |   | 2,000.0 | 2,000.0 |
| TPH (C20-C34)            |   |       |       |    |   | 5,000.0 | 5,000.0 |
| OTHER:                   |   |       |       |    |   |         |         |

<sup>\*</sup>R=RETURNED TO CAVITY L=LANDFILL S=STOCKPILED T=TREATMENT BY O/O (requires PCS Treatment Plan)

# UST SYSTEM DISPOSITION: NAME: NOT APPLICABLE NO UST EXCAVATION CLOSURE IN-PLACE CITY/STATE/ZIP: PRODUCT DISPOSITION: NAME: NAME: NAME: NAME:

CITY:

STATE/ZIP:

ADDRESS:

VOLUME/GALLONS:

NO UST REMOVED - CLOSURE IN-PLACE

CITY:

STATE/ZIP:

ADDRESS:

VOLUME/GALLONS:

# PETROLEUM CONTAMINATED SOIL (PCS) FORM

This form should be completed and submitted within 120 days of generating a stockpile, within 180 days of placing the soil in portable containers, or prior to storage or treatment, whichever comes first.

A separate PCS form shall be completed for each stockpile generated.

|                          | OWNER/OPERATOR INFORMATION        |   |
|--------------------------|-----------------------------------|---|
| OWNER/OPERATOR NAME      | CONTACT PERSON                    | AREA CODE-PHONE   |
| спу                      | STATE                             | ZIP CODE  |
| UST FACILITY INFORMATION | STORAGE FACILITY INFORMATION      | FACILITY WHERE SOILS WILL BE DISPOSED OF OR TREATED                     |
| FACILITY NAME            | FACILITY NAME                     | FACILITY NAME   |
| ADDRESS                  | ADDRESS                           | ADDRESS   |
| SIATE ZIP CODE           | CITY STATE                        | CILY STATE ZIP CODE   |
| TELEPHONE COUNTY         | TELEPHONE COUNTY DATE TRANSFERRED | STOCKPILE DESIGNATION (e.g., pile #1, pile from waste oil cavity, etc.) |

DATE STOCKPILE WAS GENERATED\_

Cubic Yards

On-site treatment (requires a treatment plan)

Off-site treatment (requires a treatment plan)

Soil analysis falls below Rule 16 re-use levels (RUL)

Returned to excavation (below site specific action levels) (RTE BAL)

Returned to excavation (above site specific action levels) (RTE AAL)

Disposal at a landfill (LFL)

Disposal at a treatment facility (COM)

Stockpile remains on-site (provide written explanation) (SOS)

Revised 3/4/2005

# NO UST EXCAVATION CLOSURE IN-PLACE

CLOSURE FORM

#### MISCELLANEOUS DATA

ADDITIONAL INFORMATION WHICH IS REQUIRED BY OAC 1301:7-9-12 OR ADDITIONAL INFORMATION WHICH CLARIFIES CLOSURE ACTIVITIES SHALL BE SUBMITTED AS APPENDICIES TO THIS REPORT.

| THE | FOLI | OWING | TTEMS N         | MUST RE | ATTACHED: |
|-----|------|-------|-----------------|---------|-----------|
|     | 1000 |       | T T TATAL TO IT |         | allached. |

Appendix A - Figures (includes Topographic & Site Maps)

Appendix B - Permit

Appendix C - Field inspection report

Appendix D - Laboratory analytical report

Appendix E - Chain of custody form

Appendix F - Disposal documentation

Appendix G - Miscellaneous Data

SITE MAP: Site maps, drawn to scale, must be included in Appendix A. Maps should include property boundaries, street locations, UST cavity dimensions, above ground structures, UST systems, adjacent properties, sample locations, any utilities, and the location(s) of previously closed UST systems.

| CERTIFIED FIRE SAFETY INSPECTOR:   | CERTIFIE          | D INSTALLER:                                      |
|--|-------------------|---|
| NAME: Doug Parks   | NAME:             | Wayne Roether                                     |
| COMPANY/FD: UST IS LLC   | COMPANY           | Alpha Ram   |
| ADDRESS: Brookville, Ohio  | ADDRESS           | Cincinnati, Ohio                                  |
| PHONE #: (937) 657-5271  | PHONE #           | (513) 661-4031                                    |
| INSPECTOR ID #: 64-57-0007   | ID#:              | 63-31-0018  |
| CLOSURE FORM PREPARED BY:  |                   |   |
| NAME: T. Kilbane   |                   |   |
| COMPANY: Kilbane Environmental Inc.  |                   |   |
| ADDRESS: 11554 Lebanon Rd., Cincinnati, OH 45241   |                   |   |
| PHONE #: (513) 874-6650  |                   |   |
| EMAIL: info@kilbaneenv.com   |                   |   |
| NO UST REMOVED – CLOSURE IN-PLACE  |                   |   |
| Closure Form <u>must</u> be signed by the UST owner/operator. To and the closure form is legible and complete. | ne owner/operator | is responsible for ensuring all data is accurate, |
| OWNER / OPERATOR SIGNATURE:  |                   |   |
| PRINT NAME:  | D                 | ATE:  |
|  |                   |   |

#### CHEMICALS OF CONCERN AND RECOMMENDED LABORATORY METHODS

Analytical Group 1 - light distillate products - including unleaded gasoline, leaded gasoline and aviation gasoline;

Analytical Group 2 - middle distillate products - including diesel, light fuel oils, stoddard solvents, mineral spirits, kerosene, and jet fuels;

Analytical Group 3 - heavy petroleum distillate products - including, but not limited to, lubricating and hydraulic oils:

Analytical Group 4 - used oil

Analytical Group 5 - unknown petroleum products or petroleum products other than those listed in analytical groups 1, 2, 3 and 4. Additional chemical(s) of concern and analytical methods must be selected, as appropriate, based on reasonably available information related to the product stored, including additives, impurities and degradation products. In addition, chemical(s) of concern should be selected based on their toxicity, mobility, and persistence in the environment. The owners and operators shall consult with the fire marshal for the appropriate chemical(s) of concern for products not in analytical group 1, 2, 3 and 4.

|                             | Analytical Group Number            | 1                    | 2                     | 3                    | 4        | 5                    | Analytical<br>Methods |
|-----------------------------|------------------------------------|----------------------|-----------------------|----------------------|----------|----------------------|-----------------------|
|                             |                                    | Light<br>Distillates | Middle<br>Distillates | Heavy<br>Distillates | Used Oil | Unknowns &<br>Others |                       |
|                             | Chemical                           |                      |                       |                      |          |                      |                       |
|                             | Benzene                            | х                    | x                     |                      | х        |                      |                       |
| -                           | Toluene                            | х                    | x                     |                      | x        |                      | 8021/8260             |
| Aromatics                   | Ethylbenzene                       | х                    | x                     | ·                    | x        |                      | 0021/0200             |
|                             | o, m and p-Xylenes                 | x                    | x                     |                      | x        |                      |                       |
| Additives                   | Methyl tertiary-butyl ether (MTBE) | x                    |                       |                      | х        |                      |                       |
|                             | Benzo(a)anthracene                 |                      | х                     | х                    | x        |                      |                       |
|                             | Benzo(a)pyrene                     |                      | x                     | x                    | х        | }                    |                       |
|                             | Benzo(b)fluoranthene               |                      | х                     | x                    | x        |                      |                       |
| Polynuclear                 | Benzo(k)fluoranthene               |                      | х                     | Х                    | x        |                      | 8270/8310             |
| Aromatics                   | Chrysene                           |                      | х                     | x                    | x        |                      |                       |
|                             | Dibenz(a,h)anthracene              |                      | х                     | х                    | x        |                      |                       |
|                             | Indeno(1,2,3-c,d)pyrene            |                      | x                     | x                    | x        |                      |                       |
|                             | Naphthalene                        |                      | х                     | X                    | x        |                      |                       |
| Chlorinated<br>Hydrocarbons | Volatile Organic Hydrocarbons      |                      |                       |                      | x        |                      | 8260                  |
|                             | ГРН (C6 – C12)                     | х                    |                       |                      | x        |                      |                       |
| Total Petroleum             | ГРН (С10 – С20)                    |                      | х                     |                      | х        |                      | 8015                  |
| Hydrocarbons *1             | ГРН (C20 – C34)                    |                      |                       | х                    | X        |                      |                       |
|                             | Varies based on UST contents       |                      |                       | x                    | x        | *2                   |                       |

<sup>\*1</sup> TPH analysis is not required for ground water samples.

<sup>\*2</sup> Additional chemical(s) of concern and analytical methods must be selected, as appropriate, based on reasonably available information related to the product stored, including additives, impurities and degradation products. In addition, chemical(s) of concern should be selected based on their toxicity, mobility, and persistence in the environment. The owners and operators shall consult with the fire marshal for the appropriate chemical(s) of concern for products not in analytical group 1, 2, 3 and 4.

| BUSTR CLOSURE ACTION LEVELS          |         |          |          |         |         |  |  |  |  |
|--------------------------------------|---------|----------|----------|---------|---------|--|--|--|--|
|                                      |         |          |          |         |         |  |  |  |  |
| Chemicals of Concern                 | Class 1 | Class 2  | Class 3  | Water   | PCS     |  |  |  |  |
|                                      | Soils   | Soils    | Soils    |         | Re-use  |  |  |  |  |
| Benzene                              | 0.149   | 0.252    | 0.937    | 0.005   | 0.015   |  |  |  |  |
| Toluene                              | 49.1    | 70.8     | 86.0     | 1       | 4.91    |  |  |  |  |
| Ethylbenzene                         | 45.5    | 83.0     | 282.0    | 0.7     | 4.55    |  |  |  |  |
| Total Xylenes                        | 15.7    | 18.0     | 21.7     | 10      | 15.7    |  |  |  |  |
| MTBE                                 | 0.470   | 0.788    | 3.440    | 0.04    | 0.047   |  |  |  |  |
| Benzo(a)anthracene                   | 11.0    | 11.0     | 11.0     | 0.00026 | 2.2     |  |  |  |  |
| Benzo(a)pyrene                       | 1.1     | 1.1      | 1.1      | 0.0002  | 1.1     |  |  |  |  |
| Benzo(b)flouranthene                 | 11.0    | 11.0     | 11.0     | 0.00017 | 5.53    |  |  |  |  |
| Benzo(k)flouranthene                 | 110.0   | 110.0    | 110.0    | 0.0017  | 1.97    |  |  |  |  |
| Chrysene                             | 1,100.0 | 1,100.0  | 1,100.0  | 0.047   | 1.27    |  |  |  |  |
| Dibenz(a,h)anthracene                | 1,1     | 1.1      | 1.1      | 0.0002  | 0.94    |  |  |  |  |
| Indeno(1,2,3-cd) pyrene              | 11.0    | 11.0     | 11.0     | 0.00022 | 0.15    |  |  |  |  |
| Naphthalene                          | 39.8    | 54.0     | 54.0     | 0.14    | 3.98    |  |  |  |  |
| TPH C <sub>6</sub> -C <sub>12</sub>  | 1,000.0 | 5,000.0  | 8,000.0  | -       | 1,000.0 |  |  |  |  |
| TPH C <sub>10</sub> -C <sub>20</sub> | 2,000.0 | 10,000.0 | 20,000.0 | -       | 2,000.0 |  |  |  |  |
| TPH C <sub>20</sub> -C <sub>34</sub> | 5,000.0 | 20,000.0 | 40,000.0 |         | 5,000.0 |  |  |  |  |

Soil contaminant levels in mg/kg

Water contaminant levels in mg/L

APPENDIX A FIGURES

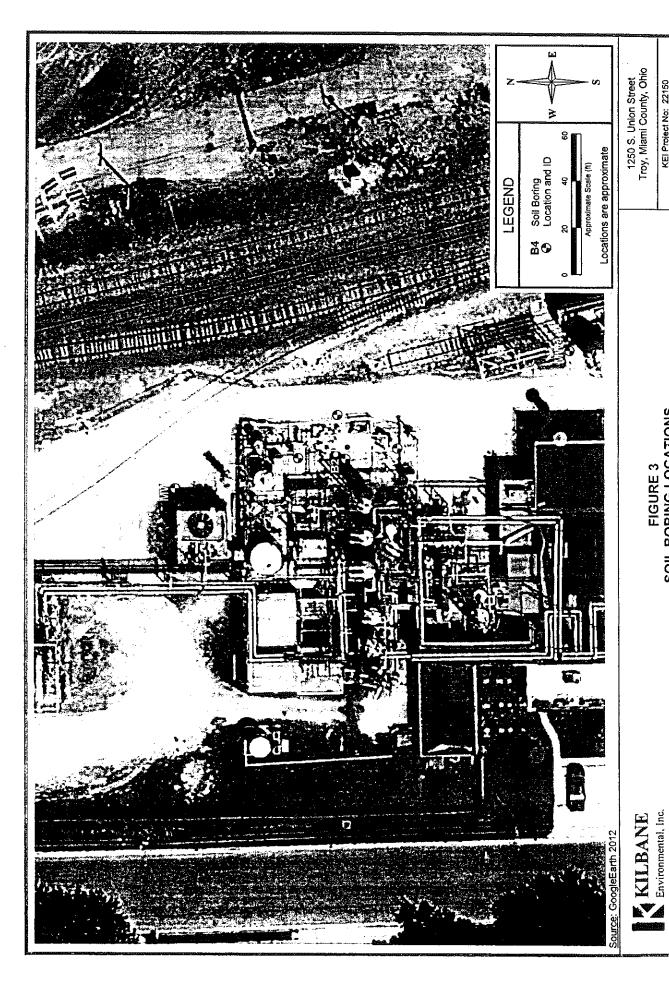


FIGURE 3 SOIL BORING LOCATIONS

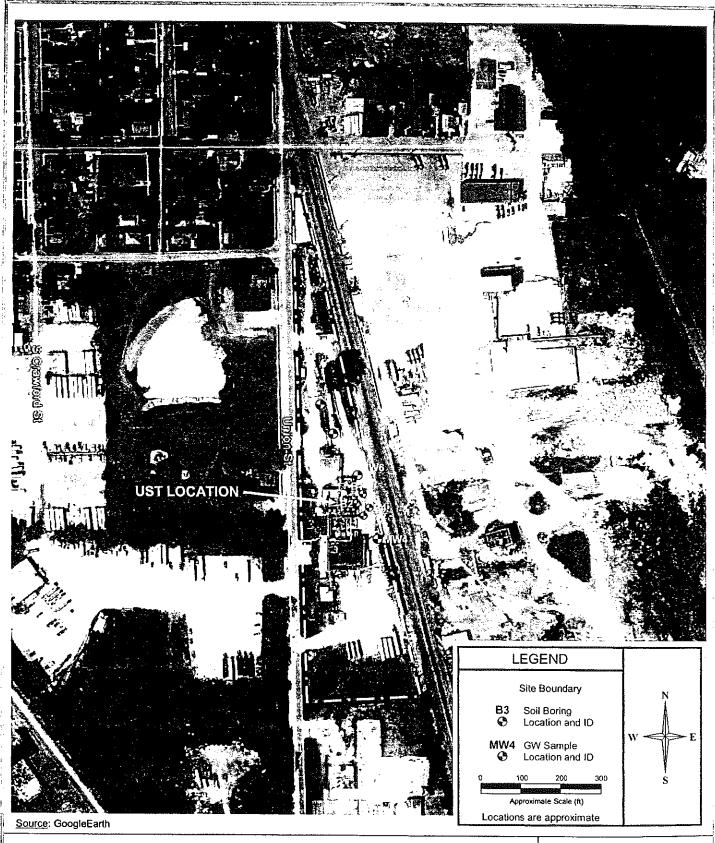
11554 Lebanon Road Cincinnati, Ohio 45241

27 NOV 2012

Date

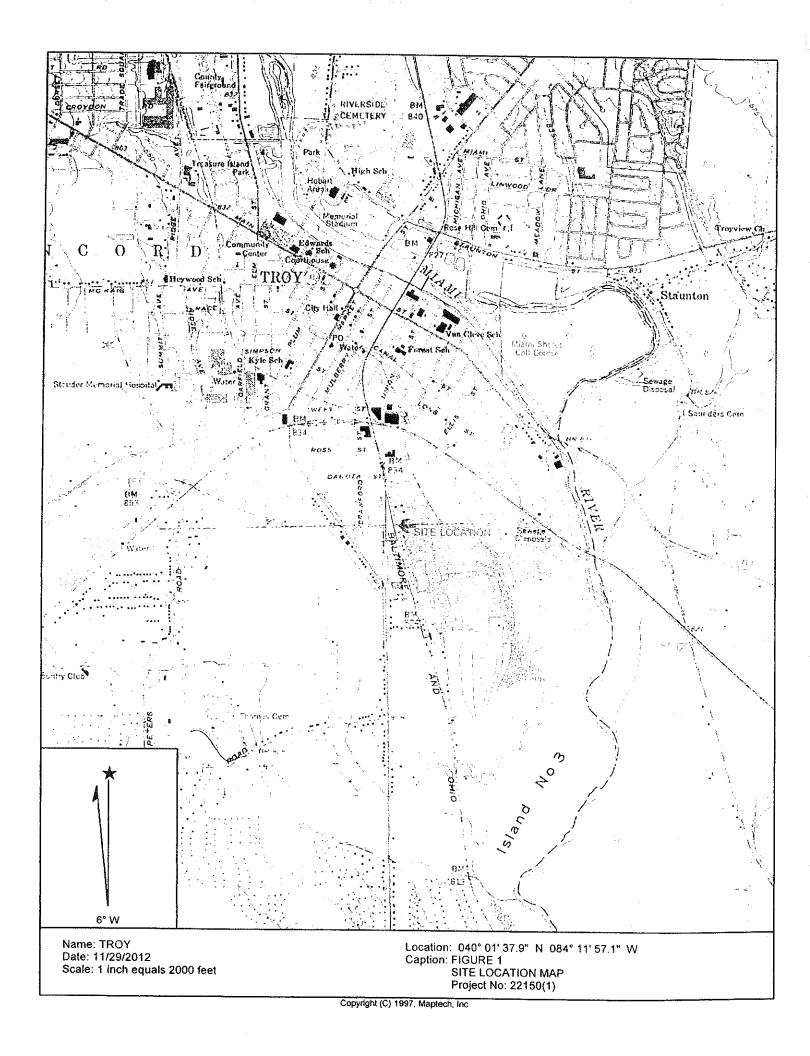
Prepared By

KEI Project No: 22150 Š. 8



KILBANE Environmental, Inc.

11554 Lebanon Road Cincinnati, Ohio 45241 FIGURE 2 SITE MAP 1250 S. Union Street Troy, Miami County, Ohio



APPENDIX B
PERMIT



#### PERMIT FOR UNDERGROUND STORAGE TANKS

Owner No. W000837 Facility No. 55000232

Permit Number: P00003

Issue Date: SEPTEMBER 07,2012

| I. OWNERSHIP OF TANKS  |  |   | II. LOCATION OF TANKS   |                       |                     |  |  |
|--|--|---|---|-----------------------|---------------------|--|--|
| DELTECH POLYMERS CORP. 1250 S UNION ST TROY, OHIO 45373  CONTACT PERSON: TOM LOWRY PHONE: OWNER PHONE  |  |   | DELTECH POLYMERS CORP. 1250 S UNION ST TROY Ohio 45373 COUNTY: MIAMI PHONE: (937)335-5286 |                       |                     |  |  |
| III. CONTRACTOR INFORM   | MATION   |   | IV. LOCAL FIRE D  | EPARTMENT INFORMATION | N                   |  |  |
| KILBANE ENVIRON WAYNE ROETHER 11554 LEBANON RD CINCINNATI, OHIO PHONE:(513)874-6650 V. CONDITIONS: OWNER'S CO PERMIT EXPIRAS A CONDITIONS VI. PERMIT ISSUED FOR: | 45241  PY OF PERMIT MUST BE RES SIX (6) MONTHS FR ION OF THIS PERMIT, AN | AVAILABLE ON JOB SITE.<br>OM DATE OF ISSUE. FEE I<br>I INSPECTOR MUST BE ON | TROY FIRE DI<br>1528 N MARK<br>TROY, OH 453<br>S NON-REFUNDABLE,<br>THE JOB SITE.         | ET ST                 |                     |  |  |
|  |  | Works to  | be performed  |                       |                     |  |  |
|  | Entire System  | UST   | Piping  | Containment           | Ancillary Equipment |  |  |
| Installation   |  |   |   |                       |                     |  |  |
| Modification   |  |   |   |                       |                     |  |  |
| Replace  |  |   |   |                       |                     |  |  |
| Major Repair   |  |   |   |                       |                     |  |  |
| Removal  |  |   |   |                       |                     |  |  |
| Close in Place   | 0  | 1   | 0   | 0                     | 0                   |  |  |
| Change in Service  |  |   |   |                       |                     |  |  |
| Out-of-Service   |  |   |   |                       |                     |  |  |
|  | ,  | BUREAU  | USE ONLY  |                       |                     |  |  |
| Certified Installer's Name:  |  |   |   | No                    |                     |  |  |
| Certified Inspector's Signature:   |  |   |   |                       |                     |  |  |



#### Department of Commerce

Division of State Fire Marshal John R. Kasich, Governor David Goodman, Director

JULY 12, 2012

TOM LOWRY DELTECH POLYMERS CORP. 1250 S UNION ST TROY, Ohio 45373

RE:

Closure-In-Place of T00003, a 20,000-Gallon Hazardous Substance Underground Storage Tank (UST) Located at Deltech Polymers Corp., 1250 South Union Street, Troy, Ohlo, Facility # 55000232.

Dear Mr. Lowry: . .

Based on the Bureau of Underground Storage Tank Regulation's evaluation of the UST at the above referenced location, the 20,000-Gallon UST is hereby approved for closure-in-place with the following conditions:

- 1. The closure-in-place is to be performed in accordance with API 1604;
- 2. Remove all flammable or combustible liquid from the UST and all connecting lines;
- 3. Remove all sludge from the UST and thoroughly rinse and flush the UST and piping;
- 4. Disconnect the suction, inlet gauge, and vent lines and cap the remaining underground piping;
- Fill the UST completely with an Inert, solid material that has a density greater than the density of water:
- Keep a record of UST size, location, date of closure-in-place, and method used for placing the USTs in a safe condition; and
- Conduct a closure assessment as required by Ohio Administrative Code 1301:7-9-12, if applicable.

This letter is not a permit to perform work. Prior to performing the closure-in-place, you must obtain a permit pursuant to paragraph (C) of rule 1301:7-9-10 of the Administrative Code. An application for a permit may be obtained by visiting the BUSTR web site at

http://www.com.ohio.gov/fire/ReleasePreventlonInformation.aspx or by contacting the Testing and Registration Bureau at (877) 264-0023. In addition, a certified UST Installer must perform the closure-in-place, and an UST Inspector must be present during the closure-in-place.

If you have any questions, feel free to contact Steven Krichbaum at (614) 762-7938.

Sincerely,

William L. Hills Chief - BUSTR

Division of State Fire Marchal Ohio Department of Commerce

WH:anm

c: Fil

Mike C. Miller, BUSTR Inspector Drue Roberts, Corrective Actions Coordinator Martha Fullemann, Testing & Registration

Bureau of Underground Storage Tank Regulations 8895 Bust Main Street Reynoldsburg, OH 43068 U.S.A.

## APPENDIX C FIELD INSPECTION REPORT



# State of Ohio, Department of Commerce Division of State Fire Marshal—Bureau of Testing & Registration P.O. Box 529, Reynoldsburg, Ohio 43068 Phone (614) 752-7126 Fax (614) 995-4206

#### Removal Inspection Field Report

(For Removal, Closure in Place, Out of Service, and Changes in Service Activity)

|  |                                   |  |                  | Page of                               |  |  |
|--|-----------------------------------|--|------------------|---------------------------------------|--|--|
| Inspection: Preliminary [ ] Final 1 Permit   | Date 9/7/12                       | Facility #_55 000                          | 232Perm          | in# P.03                              |  |  |
| Ownership of Tanks:  | Paca                              | Location of Tanks:                         | 0                | C 00                                  |  |  |
| DELIEUR POLYMERS   | OFF.                              | DELTECH                                    | fory mores       | Colle                                 |  |  |
| 1250 S UNION ST.   |                                   | 1250 5. 6                                  | Wron St.         |                                       |  |  |
| TROY. OH 45373   |                                   | TROY, OH                                   | 45373            |                                       |  |  |
| JOM LOWRY (937   | 7 335 5286                        | Semitive Area: Yes [                       | ] No [ ]         |                                       |  |  |
| Tank/System Information  | Tank # 3 Cavity# /                | Tank #Cavity#                              | Tank #Cavity#    | Tank #Cavity #                        |  |  |
| Components Undergoing Work: T=Tank, P=Piping, S=System, C=Containment, A=Ancillary | T P (S) C A                       | T P S C A                                  | TPSCA            | TPSCA                                 |  |  |
| Inspection Description   | Classifine                        |  |                  |                                       |  |  |
| Date Last Used   | 2010                              |  |                  |                                       |  |  |
| Underground Tank Capacity (list-gallons)   | 20000                             |  |                  |                                       |  |  |
| Substance Stored.  | POYMER STY                        | EUÉ .                                      |                  |                                       |  |  |
| Tank Construction  | BM                                | ***  | 156              |                                       |  |  |
| Piping Construction  | BM                                |  |                  |                                       |  |  |
| Pressure, Suction or Gravity Piping  | _ G                               |  |                  |                                       |  |  |
| LEL/O2 (indicate %)  | 0% 21%                            |  |                  |                                       |  |  |
| Tank Cleaned on Site   | (es or No                         | Yes or No                                  | Yes or No        | Yes on No                             |  |  |
| Holes in Tank  | Yes or (No.                       | Yes or No                                  | Yes or No        | Yes or No                             |  |  |
| Holes in Piping  | Yes or No                         | Yes or No                                  | Yes or No        | Yes or No                             |  |  |
| Cavity Appearance*   |                                   |  |                  |                                       |  |  |
| Piping Run Appearance*   |                                   |  |                  |                                       |  |  |
| Beneath Dispenser Appearance*  | Done.                             | -  |                  |                                       |  |  |
| Closure in Place (written approval obtained)                                       | (Ac) or No                        | Yes or No                                  | Yes or No        | Yes or No                             |  |  |
| Out of Service (more than 90 days)(system secured)                                 | Yes or No                         | Yes or No                                  | Yes or No        | Yes or No                             |  |  |
| Change in Service (regulated to non-regulated)                                     | Yes or (Ng)                       | Yes or No                                  | Yes or No        | Yes or No                             |  |  |
| Remarks: CLUSURE IN,   | District Section                  | 1 JAN RA                                   | OST. TA          | ماد                                   |  |  |
| CLEANED & FILLED   |                                   |  | 1021, 77         | , , , , , , , , , , , , , , , , , , , |  |  |
| CLEARER T TILLE  | · CONTA SEUNT                     | 7  |                  |                                       |  |  |
|  |                                   |  |                  |                                       |  |  |
|  | <u>,</u>                          |  |                  |                                       |  |  |
| *Indicate O = Odor, W = Water, ST = Staining,                                      | FP = Free Product, SH = S         | heen                                       |                  |                                       |  |  |
| Certified Installer Number: 63-31 001  | 18                                | Certified Inspector Number                 | £ 64-57-6        | CG7                                   |  |  |
| Certified Installer Name (printed): GOA YNE  | FOETHER                           | Certified Inspector Name (                 | printed): DOOG a | PARKS                                 |  |  |
| Cortified Installer Signature:   | Est Y                             | Certified Inspector Signature: Wills Parks |                  |                                       |  |  |
| Date: 12-18-1  | 2                                 | Date: 12/18/                               | 12               | Hours on Site:                        |  |  |
|  | An Fanal Opportunity Employer and | Service Provider - TTY/TDD: 1-800-7:       | 50-0750          |                                       |  |  |

COM 5219 Revised 09/10 Distribution: White - Agency Copy Canary - Owner Copy Pink - Inspector Copy

### APPENDIX D LABORATORY ANALYTICAL REPORTS

#### S&S Onsite Analytical, Ltd.

Phone (419) 422-9796 Fax (419) 422-4840 Non-Responsive PII 7277 Township Rd. 95 Findlay, Ohio 45840

Email Non-Responsive PII

Case Narrative

Kilbane Environmental 11554 Lebanon Rd. Cincinnati, OH 45241

September 30, 2012

Project # 22150 (Deltech)

All VOA samples collected for analysis by the laboratory for this project were extracted and analyzed within the respective holding times for the analyses performed. Sample results for all soil samples submitted to the laboratory were reported on a "dry weight" basis.

Volatile analysis for the presence of target analytes was performed using USEPA Method 8260b utilizing a Tekmar® Purge and Trap system coupled to a Hewlett Packard® 5890/5971 GC/MS system. Water samples were either analyzed directly or diluted to bring target analytes within the linear range of the instrument. Soil samples were extracted with Purge and Trap grade methanol and an aliquot of the methanol was purged through the system. Volatile results were calculated directly from the 8260 curve.

Results listed between the MDL and the RL should be considered estimated values. In addition, sample results that exceed the calibration range of the instrument should also be considered estimated results. All samples that exceeded the linear range of the calibration curve, following any reasonable dilutions, for the sample results are flagged with an "E"; these levels are estimated and should be considered minimum values for the compounds reported.

All tune and calibration criteria were within method parameters for the compounds of interest.

#### NOTE:

All Water VOC results are in ug/L or (ppb). All Soil VOC results are in mg/Kg or (ppm).

#### **Data Qualifiers**

- B Compound was detected in the blank.
- U Compound was analyzed for but not detected above the MDL.
- J The compound results were between the MDL and the RL.
- E The concentration found in the sample exceeds the calibration range of the instrument. NOTE: Reporting Limits reflect any sample dilutions that may have been performed.

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# S&S Onsite Analytical, Ltd. Phone (419) 422-9796 Fax (419) 422-4840 Non-Responsive PII

7277 Township Rd. 95 Findlay, Ohio 45840

Email

#### SAMPLE RESULTS

| Sample ID                   | B-1 (0-4') |       |        |
|-----------------------------|------------|-------|--------|
| Lab ID                      | DF453      |       |        |
| Collection Date             | 9/19/12    |       |        |
| Analysis Date               | 9/25/12    |       |        |
| Run No.                     | V0925005   |       |        |
| sample matrix               | S          |       | Calc'd |
| Compound                    | MDL        | RL    | result |
|                             |            |       | mg/Kg  |
| Diclorodifluoromethane      | 0.00216    | 0.648 | U      |
| Chloromethane               | 0.00217    | 0.651 | Ü      |
| Vinyl Chloride              | 0.00189    | 0.567 | Ü      |
| Bromomethane                | 0.00245    | 0.735 | U      |
| Chloroethane                | 0.00588    | 1.764 | U      |
| Trichlorofluoromethane      | 0.00150    | 0.450 | U      |
| Diethyl ether               | 0.00118    | 0.354 | Ü      |
| 1,1-Dichloroethene          | 0.00279    | 0.837 | U      |
| Carbon disulfide            | 0.00525    | 1.575 | U      |
| lodomethane                 | 0.00180    | 0.540 | Ų      |
| Allyl chloride              | 0.00051    | 0.153 | IJ     |
| Methylene Chloride          | 0.00174    | 0.522 | U      |
| Acetone                     | 0.00329    | 0.987 | U      |
| trans-1,2-Dichloroethene    | 0.00080    | 0.240 | U      |
| Methyl-t-butyl ether (MTBE) | 0.00107    | 0.321 | IJ     |
| 1,1-Dichloroethane          | 0.00131    | 0.393 | U      |
| Acrylonitrile               | 0.00175    | 0.525 | U      |
| cls-1,2-Dichloroethene      | 0.60130    | 0.390 | U      |
| 2,2-Dichloropropane         | 0.00155    | 0.465 | U      |
| Bromochloromethane          | 0.00064    | 0.192 | U      |
| Chloroform                  | 0.00101    | 0.303 | U      |
| Carbon Tetrachloride        | 0.00135    | 0.405 | Ų      |
| Methyl acrylate             | 0.00165    | 0.495 | U      |
| 1,1,1-Trichloroethane       | 0.00136    | 0.408 | U      |
| 1,1-Dichloropropene         | 0.00761    | 2.283 | U      |
| 2-Butanone                  | 0.01500    | 4.500 | U      |
| 1-Chiorobutane              | 0.00151    | 0.453 | U      |
| Benzene                     | 0.00086    | 0.258 | IJ     |
| Propionitrile               | 0.00191    | 0.573 | U      |
| 1,2-Dichloroethane          | 0.00112    | 0.336 | U      |
| Trichioroethene             | 0.00099    | 0.297 | u      |
| Dibromomethane              | 0.00104    | 0.312 | U      |
| 1,2-Dichloropropane         | 0.00080    | 0.240 | U      |
| Bromodichloromethane        | 0.00113    | 0.339 | u      |
| Methyl methacrylate         | 0.00117    | 0.351 | U      |
| cis-1,3-Dichloropropene     | 0.00077    | 0.231 | υ      |
| Toluene                     | 0.00099    | 0.297 | 4.35   |

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7277 Township Rd. 95 Findlay, Ohio 45840

Email

| Q.184                       |                       |       |        |
|-----------------------------|-----------------------|-------|--------|
| 2-Nitropropane              | 0.00313               | 0.939 | ម      |
| Tetrachloroethene           | 0.00114               | 0.342 | U      |
| 4-Methyl-2-pentanone (MIBK) | 0.00218               | 0.654 | U      |
| trans-1,3-Dichloropropene   | 0.00156               | 0.468 | U      |
| 1,1,2-trichloroethane       | 0.00151               | 0.453 | U      |
| Ethyl methacryliate         | 0.00185               | 0.555 | U      |
| Dibromochloromethane        | 0.00147               | 0.441 | U      |
| 1.3-Dichloropropane         | 0.00185               | 0.555 | U      |
| 1,2-Dibromoethane EDB)      | 0.00149               | 0.447 | U      |
| 2-Hexanone                  | 0.00212               | 0.836 | U      |
| Chlorobertzene              | 0.00140               | 0.420 | U      |
| Ethylbenzene                | 0.00104               | 0.312 | 77.3 E |
| 1,1,1,2-Tetrachloroethane   | 0.00139               | 0.417 | U      |
| m&p-Xylene                  | 0.00266               | 0.798 | 2.27   |
| o-Xylene                    | 0.00116               | 0.348 | 1.42   |
| Bromoform                   | 0.00088               | 0.264 | U      |
| Styrene                     | 0.00166               | 0.498 | 55.4 E |
| Isopropylbenzene            | 0.00107               | 0.321 | 2.72   |
| Bromobenzene                | 0.00103               | 0.309 | U      |
| n-Propylbenzene             | 0.00149               | 0.447 | 1.84   |
| 1,1,2,2-Tetrachloroethane   | 0.00159               | 0.477 | U      |
| 2-Chlorotoluene             | 0.00105               | 0.315 | U      |
| 1,2,3-Trichloropropane      | 0.00199               | 0.597 | บ      |
| 1,3,5-Trimethylbenzene      | 0.00144               | 0.432 | U      |
| t-1,4-Dichloro-2-butene     | 0.00121               | 0.363 | U      |
| 4-Chlorotoluene             | 0.00119               | 0.357 | U      |
| t-Butylbenzene              | 0.00156               | 0.468 | u      |
| Pentachloroethane           | 0.00160               | 0.480 | u      |
| 1,2,4-Trimethylbenzene      | 0.00128               | 0.384 | U      |
| sec-Butylbenzene            | 0.00135               | 0.405 | 0.16 J |
| p-Isopropyl toluene         | 0.00115               | 0.345 | U      |
| 1,3-Dichlorobenzene         | 0.00145               | 0.435 | U      |
| 1,4-Dichiorobenzene         | 0.00109               | 0.327 | U      |
| n-Bulylbenzene              | 0.00121               | 0.363 | u      |
| Hexachloroethane            | 0.00094               | 0.282 | U      |
| 1,2-Dichlorobenzene         | 0.00109               | 0.327 | U      |
| 1,2-Dibromo-3-chtoropropane | 0.00220               | 0.660 | U      |
| Nitrobenzene                | 0.02500               | 7.500 | u      |
| Hexachlorobutadiene         | 0.00257               | 0.771 | U      |
| 1,2,4-Trichlorobenzene      | 0.00152               | 0.456 | U      |
| Naphthalene                 | 0.00174               | 0.522 | 0.32 J |
| 1,2,3-Trichtorobenzene      | 0.00199               | 0.597 | U      |
|                             |                       |       |        |
| surrogate recoveries        | 1,2-Dichloroethane-d4 | 122   |        |
|                             | Toluene-d8            | 85    |        |
|                             | 4-Bromofluorobenzene  | 91    |        |
|                             |                       |       |        |

## S&S Onsite Analytical, Ltd. Phone (419) 422-9796 Fax (419) 422-4840 Non-Responsive PII

7277 Township Rd. 95 Findlay, Ohio 45840

Email

| Sample ID                   | B-1 (15') |       |        |
|-----------------------------|-----------|-------|--------|
| Lab ID                      | DF454     |       |        |
| Collection Date             | 9/19/12   |       |        |
| Analysis Date               | 9/25/12   |       |        |
| Run No.                     | V0925008  |       |        |
| sample matrix               | S         |       | Calc'd |
| Compound                    | MDL       | RL    | result |
| Diclorodifluoromethane      | 0.00216   | 0.648 | U      |
| Chloromethane               | 0.00217   | 0.651 | Ü      |
| Vinyl Chloride              | 0.00189   | 0.567 | Ü      |
| Bromomethane                | 0.00245   | 0.735 | Ü      |
| Chloroethane                | 0.00588   | 1.764 | Ü      |
| Trichlorofluoromethane      | 0.00150   | 0.450 | U      |
| Diethyl ether               | 0.00118   | 0.354 | Ü      |
| 1,1-Dichloroethene          | 0.00279   | 0.837 | U      |
| Carbon disulfide            | 0.00525   | 1.575 | U      |
| lodomethane                 | 0.00180   | 0.540 | Ü      |
| Allyl chloride              | 0.00051   | 0.153 | ú      |
| Methylene Chloride          | 0.00174   | 0.522 | IJ     |
| Acetone                     | 0.00329   | 0.987 | Ü      |
| trans-1,2-Dichloroethene    | 0.00080   | 0.240 | U      |
| Methyl-t-butyl ether (MTBE) | 0.00107   | 0.321 | U      |
| 1,1-Dichloroethane          | 0.00131   | 0.393 | Ú      |
| Acrylonitrile               | 0.00175   | 0.525 | U      |
| cls-1,2-Dichloroethene      | 0.00130   | 0.390 | U      |
| 2,2-Dichloropropane         | 0.00155   | 0.465 | Ü      |
| Bromochloromethane          | 0.00064   | 0.192 | U      |
| Chloroform                  | 0.00101   | 0.303 | U      |
| Carbon Tetrachloride        | 0.00135   | 0.405 | U      |
| Methyl acrylate             | 0.00165   | 0.495 | U      |
| 1,1,1-Trichloroethane       | 0.00136   | 0.408 | U      |
| 1,1-Dichloropropene         | 0.00761   | 2.283 | U      |
| 2-Butanone                  | 0.01500   | 4.500 | U      |
| 1-Chlorobutane              | 0.00151   | 0.453 | U      |
| Benzene                     | 0.00086   | 0.258 | U      |
| Proplanitrile               | 0.00191   | 0.573 | U      |
| 1,2-Dichloroethane          | 0.00112   | 0.336 | U      |
| Trichforcethene             | 0.00099   | 0.297 | U      |
| Dibromomethane              | 0,00104   | 0.312 | U      |
| 1,2-Dichtoropropane         | 0.00080   | 0.240 | IJ     |
| Bromodichloromethane        | 0.00113   | 0.339 | IJ     |
| Methyl methacrylate         | 0.00117   | 0.351 | U      |
| cis-1,3-Dichloropropene     | 0.00077   | 0.231 | U      |
| Toluene                     | 0.00099   | 0.297 | 0.81   |

7277 Township Rd. 95 Findlay, Ohio 45840

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| 2-Nitropropage              | 0.00313               | 0.939 | U      |
|-----------------------------|-----------------------|-------|--------|
| Tetrachioroethene           | 0.00114               | 0.342 | U      |
| 4-Methyl-2-pentanone (MISK) | 0.00218               | 0.654 | u      |
| trans-1,3-Dichloropropene   | 0.00156               | 0.468 | U      |
| 1,1,2-trichlorgethane       | 0.00151               | 0.453 | U      |
| Ethyl methacryllate         | 0.00185               | 0.555 | ប      |
| Dibromochioromethane        | 0.00147               | 0.441 | U      |
| 1.3-Dichloropropane         | 0.00185               | 0.555 | U      |
| 1,2-Dibromoethane EDB)      | 0.00149               | 0,447 | IJ     |
| 2-Hexanone                  | 0.00212               | 0.636 | ť      |
| Chlorobenzene               | 0.00140               | 0.420 | υ      |
| Ethylbenzene                | 0.00104               | 0.312 | 9.38   |
| 1,1,1,2-Tetrachloroethane   | 0.00139               | 0.417 | U      |
| m&p-Xyfene                  | 0.00266               | 0.798 | 0.38 J |
| o-Xylene                    | 0.00116               | 0.348 | 0.21 J |
| Bromoform                   | 0.00088               | 0.264 | Ų      |
| Styrene                     | 0.00166               | 0.498 | 11.1   |
| Isopropylbenzene            | 0.00107               | 0.321 | 0.38   |
| Bromobenzene                | 0.00103               | 0.309 | U      |
| n-Propylbenzene             | 0,00149               | 0.447 | 0,27 J |
| 1,1,2,2-Tetrachloroethane   | 0.00159               | 0.477 | U      |
| 2-Chiorotoluene             | 0.00105               | 0.315 | U      |
| 1,2,3-Trichloropropane      | 0.00199               | 0.597 | U      |
| 1,3,5-Trimethylbenzene      | 0,00144               | 0.432 | υ      |
| t-1,4-Dichloro-2-butene     | 0.00121               | 0.363 | U      |
| 4-Chlorololuene             | 0.00119               | 0.357 | U      |
| t-Butylbenzene              | 0.00156               | 0.468 | U      |
| Pentachloroethane           | 0.00160               | 0.480 | U      |
| 1,2,4-Trimethylbenzene      | 0.00128               | 0.384 | U      |
| sec-Butylbenzene            | 0.00135               | 0.405 | U      |
| p-Isopropyl toluene         | 0.00115               | 0.345 | U      |
| 1,3-Dichlorobenzene         | 0.00145               | 0.435 | U      |
| 1,4-Dichlorobenzene         | 0.00109               | 0.327 | U      |
| n-Bulylbenzene              | 0.00121               | 0.363 | U      |
| Hexachloroethane            | 0.00094               | 0.282 | U      |
| 1,2-Dichlorobenzene         | 0.00109               | 0.327 | U      |
| 1,2-Dibromo-3-chloropropane | 0.00220               | 0.660 | U      |
| Nitrobenzene                | 0.02500               | 7.500 | U      |
| Hexachlorobutadiene         | 0.00257               | 0.771 | U      |
| 1,2,4-Trichlorobenzene      | 0.00152               | 0.456 | บ      |
| Naphthalene                 | 0.00174               | 0.522 | 0.16 J |
| 1,2,3-Trichlorobenzene      | 0,00199               | 0.597 | U      |
|                             |                       |       |        |
| surrogate recovertes        | 1,2-Dichloroethane-d4 | 124   |        |
|                             | Toluene-d8            | 81    |        |

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4-Bromofluorobenzene

7277 Township Rd. 95 Findlay, Ohio 45840

Email Non-Responsive PI

| Sample ID                   | B-2 (8-12') |       |        |
|-----------------------------|-------------|-------|--------|
| Lab ID                      | DF455       |       |        |
| Collection Date             | 9/19/12     |       |        |
| Analysis Date               | 9/25/12     |       |        |
| Run No.                     | V0925009    |       |        |
| sample matrix               | S           |       | Calc'd |
| Compound                    | MDL         | RL    | result |
|                             |             |       |        |
| Diclorodifluoromethane      | 0.00216     | 0.648 | U      |
| Chloromethane               | 0.00217     | 0.651 | U      |
| Vinyl Chloride              | 0.00189     | 0.567 | U      |
| Bromomethane                | 0.00245     | 0.735 | U      |
| Chloroethane                | 0.00588     | 1.764 | U      |
| Trichlorofluoromethane      | 0.00150     | 0.450 | บ      |
| Diethyl ether               | 0.00118     | 0.354 | U      |
| 1,1-Dichloroethene          | 0.00279     | 0.837 | ប      |
| Carbon disulfide            | 0.00525     | 1.575 | U      |
| lodomethane                 | 0.00180     | 0.540 | U      |
| Ailyl chloride              | 0.00051     | 0.153 | U      |
| Methylene Chloride          | 0.00174     | 0.522 | U      |
| Acetone                     | 0.00329     | 0.987 | U      |
| trans-1,2-Dichloroethene    | 0.00080     | 0.240 | บ      |
| Methyl-t-butyl ether (MTBE) | 0.00107     | 0.321 | U      |
| 1,1-Dichloroethane          | 0.00131     | 0.393 | U      |
| Acrylonitrile               | 0.00175     | 0.525 | U      |
| cis-1,2-Dichloroethene      | 0.00130     | 0.390 | U      |
| 2,2-Dichloropropane         | 0.00155     | 0.465 | U      |
| Bromochloromethane          | 0.00064     | 0.192 | U      |
| Chlaroform                  | 0.00101     | 0.303 | U      |
| Carbon Tetrachloride        | 0.00135     | 0.405 | U      |
| Methyl acrylate             | 0.00165     | 0.495 | U      |
| 1,1,1-Trichloroethane       | 0.00136     | 0.408 | υ      |
| 1,1-Dichloropropene         | 0.00761     | 2.283 | U      |
| 2-Butanone                  | 0.01500     | 4.500 | U      |
| 1-Chlorobutane              | 0.00151     | 0.453 | U      |
| Benzene                     | 0.00086     | 0.258 | U      |
| Propionitrile               | 0.00191     | 0.573 | U      |
| 1,2-Dichloroethane          | 0.00112     | 0.336 | U      |
| Trichloroethene             | 0.00099     | 0.297 | U      |
| Dibromomethane              | 0.00104     | 0.312 | Ų      |
| 1,2-Dichloropropane         | 0.00080     | 0.240 | U      |
| Bromodichloromethane        | 0.00113     | 0.339 | U      |
| Methyl methacrylate         | 0.00117     | 0.351 | U      |
| cis-1,3-Dichloropropene     | 0.00077     | 0.231 | U      |
| Toluene                     | 0.00099     | 0.297 | 28.9   |
|                             |             |       |        |

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7277 Township Rd. 95 Findlay, Ohio 45840

Email Non-Responsive PI

| 2-Nitropropane              | 0.00313               | 0.939 | U      |
|-----------------------------|-----------------------|-------|--------|
| Tetrachloroethene           | 0.00114               | 0.342 | U      |
| 4-Methyl-2-pentanone (MiBK) | 0.00218               | 0.654 | U      |
| trans-1,3-Dichloropropene   | 0.00156               | 0.468 | U      |
| 1,1,2-trichloroethane       | 0.00151               | 0.453 | U      |
| Ethyl methacryllate         | 0.00185               | 0.555 | U      |
| Dibromochloromethane        | 0.00147               | 0.441 | ប      |
| 1.3-Dichloropropane         | 0.00185               | 0.555 | ប      |
| 1,2-Dibromoethane EDB)      | 0.00149               | 0.447 | U      |
| 2-Hexanone                  | 0.00212               | 0.636 | U      |
| Chlorobenzene               | 0.00140               | 0.420 | U      |
| Ethylbenzene                | 0.00104               | 0.312 | 291 E  |
| 1,1,1,2-Tetrachloroethane   | 0.00139               | 0.417 | U      |
| m&p-Xylene                  | 0.00266               | 0.798 | 8.78   |
| o-Xylene                    | 0.00116               | 0.348 | 4.92   |
| Bromoform                   | 0.00088               | 0.264 | Ų      |
| Styrene                     | 0.00166               | 0.498 | 378 E  |
| Isopropylbenzene            | 0.00107               | 0.321 | 9.56   |
| Bromobenzene                | 0.00103               | 0.309 | U      |
| n-Propylbenzene             | 0.00149               | 0.447 | 4.58   |
| 1,1,2,2-Tetrachloroethane   | 0.00159               | 0.477 | U      |
| 2-Chlorotoluene             | 0.00105               | 0.315 | U      |
| 1,2,3-Trichloropropane      | 0.00199               | 0.597 | U      |
| 1,3,5-Trimethylbenzene      | 0.00144               | 0.432 | u      |
| t-1,4-Dichloro-2-butene     | 0.00121               | 0.363 | U      |
| 4-Chlorotoluene             | 0.00119               | 0.357 | U      |
| t-Butylbenzene              | 0.00156               | 0.468 | U      |
| Pentachloroethane           | 0.00160               | 0.480 | U      |
| 1,2,4-Trimethylbenzene      | 0.00128               | 0.384 | 0.14 J |
| sec-Butylbenzene            | 0.00135               | 0.405 | υ      |
| p-Isopropyl toluene         | 0.00115               | 0.345 | U      |
| 1,3-Dichlorobenzene         | 0.00145               | 0.435 | U      |
| 1,4-Dichlorobenzene         | 0.00109               | 0.327 | U      |
| n-Butylbenzene              | 0.00121               | 0.363 | 0.14 J |
| Hexachloroethane            | 0.00094               | 0.282 | U      |
| 1,2-Dichlorobenzene         | 0.00109               | 0.327 | U      |
| 1,2-Dibromo-3-chloropropane | 0.00220               | 0.660 | U      |
| Nitrobenzene                | 0.02500               | 7.500 | U      |
| Hexachtorobutadiene         | 0,00257               | 0.771 | U      |
| 1,2,4-Trichlorobenzene      | 0.00152               | 0.456 | U      |
| Naphthatene                 | 0.00174               | 0.522 | 0.12 J |
| 1,2,3-Trichlorobenzene      | 0.00199               | 0.597 | U      |
| surrogate recoveries        | 1.2-Dichloroethane-d4 | 135   |        |
| 2011 ABUTA LECOLOTIES       | Toluene-d8            | 77    |        |
|                             | / Decree Accord       | 77    |        |

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4-Bromofluorobenzene

7277 Township Rd. 95 Findlay, Ohio 45840

| Sample ID                   | B-3 (16-20°) |       |        |
|-----------------------------|--------------|-------|--------|
| Lab ID                      | DF456        |       |        |
| Collection Date             | 9/20/12      |       |        |
| Analysis Date               | 9/25/12      |       |        |
| Run No.                     | V0925010     |       |        |
| sample matrix               | S            |       | Calc d |
| Compound                    | MDL          | RL    | result |
| 514 45                      | 0.00045      | 0.040 |        |
| Diclorodifluoromethane      | 0.00216      | 0.648 | U      |
| Chloromethane               | 0.00217      | 0.651 | U      |
| Vinyl Chloride              | 0.00189      | 0.567 | U      |
| Bromomethane                | 0.00245      | 0.735 | IJ     |
| Chloroethane                | 0.00588      | 1.764 | U      |
| Trichlorofluoromethane      | 0.00150      | 0.450 | U      |
| Diethyl ether               | 0.00118      | 0.354 | U      |
| 1,1-Dichloroethene          | 0.00279      | 0.837 | U      |
| Carbon disuffide            | 0.00525      | 1.575 | U      |
| lodomethane                 | 0.00180      | 0.540 | U      |
| Aliyi chloride              | 0.00051      | 0.153 | U      |
| Methylene Chloride          | 0.00174      | 0.522 | U      |
| Acetone                     | 0.00329      | 0.987 | Ų      |
| trans-1,2-Dichloroethene    | 08000.0      | 0.240 | U      |
| Methyl-t-butyl ether (MTBE) | 0.00107      | 0.321 | U      |
| 1,1-Dichloroethane          | 0.00131      | 0.393 | U      |
| Acrylonitrile               | 0.00175      | 0.525 | U      |
| cis-1,2-Dichloroethene      | 0.00130      | 0.390 | U      |
| 2,2-Dichloropropane         | 0.00155      | 0,465 | U      |
| Bromochloromethane          | 0,00064      | 0.192 | U      |
| Chloroform                  | 0.00101      | 0,303 | Ü      |
| Carbon Tetrachloride        | 0.00135      | 0.405 | U      |
| Methyl acrylate             | 0.00165      | 0.495 | U      |
| 1,1,1-Trichloroethane       | 0.00136      | 0.408 | U      |
| 1,1-Dichloropropene         | 0.00761      | 2.283 | U      |
| 2-Butanone                  | 0.01500      | 4.500 | U      |
| 1-Chlorobutane              | 0.00151      | 0.453 | υ      |
| Benzene                     | 0.00086      | 0.258 | U      |
| Propionitrile               | 0.00191      | 0.573 | U      |
| 1,2-Dichloroethane          | 0.00112      | 0.336 | U      |
| Trichloroethene             | 0.00099      | 0.297 | U      |
| Dibromomethane              | 0.00104      | 0.312 | U      |
| 1,2-Dichloropropane         | 0.00080      | 0.240 | บ      |
| Bromodichloromethane        | 0.00113      | 0.339 | υ      |
| Methyl methacrylate         | 0.00117      | 0.351 | U      |
| cis-1,3-Dichloropropene     | 0.00077      | 0.231 | U      |
| Toluene                     | 0.00099      | 0.297 | 124 É  |

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7277 Township Rd. 95 Findlay, Ohio 45840

Email Non-Responsive PI

| 2-Nitropropane              | 0.00313               | 0.939 | U      |
|-----------------------------|-----------------------|-------|--------|
| Tetrachloroethene           | 0.00114               | 0.342 | U      |
| 4-Methyl-2-pentanone (MIBK) | 0.00218               | 0.654 | U      |
| trans-1,3-Dichloropropene   | 0.00156               | 0.468 | Ų      |
| 1,1,2-trichloroethane       | 0.00151               | 0.453 | U      |
| Ethyl methacryllate         | 0.00185               | 0.555 | U      |
| Dibromochloromethane        | 0.00147               | 0.441 | U      |
| 1.3-Dichloropropane         | 0.00185               | 0.555 | บ      |
| 1,2-Dibromoethane EDB)      | 0.00149               | 0.447 | บ      |
| 2-Hexanone                  | 0.00212               | 0.638 | IJ     |
| Chlorobenzene               | 0.00140               | 0.420 | U      |
| Ethylbenzene                | 0.00104               | 0.312 | 223 E  |
| 1,1,1,2-Tetrachloroethane   | 0.00139               | 0.417 | น      |
| m&p-Xylene                  | 0.00266               | 0.798 | 65.5   |
| o-Xylene                    | 0.00116               | 0.348 | 36.7   |
| Bromoform                   | 0.00088               | 0.264 | U      |
| Styrene                     | 0.00166               | 0.498 | 351 E  |
| Isopropylbenzene            | 0.00107               | 0.321 | 106 E  |
| Bromobenzene                | 0.00103               | 0.309 | U      |
| n-Propylbenzene             | 0.00149               | 0.447 | 86,6 E |
| 1,1,2,2-Tetrachloroethane   | 0.00159               | 0.477 | ប      |
| 2-Chlorotoluene             | 0.00105               | 0.315 | IJ     |
| 1,2,3-Trichloropropane      | 0,00199               | 0.597 | U      |
| 1,3,5-Trimethylbenzene      | 0.00144               | 0.432 | 1,08   |
| t-1,4-Dichloro-2-butene     | 0.00121               | 0.363 | U      |
| 4-Chiorotoluene             | 0.00119               | 0.357 | ป      |
| t-Butylbenzene              | 0.00156               | 0.468 | Ű      |
| Pentachloroethane           | 0.00160               | 0.480 | U      |
| 1,2,4-Trimethylbenzene      | 0.00128               | 0.384 | 0.92   |
| sec-Butylbenzene            | 0.00135               | 0.405 | U      |
| p-Isopropyl toluene         | 0.00115               | 0.345 | U      |
| 1,3-Dichlorobenzene         | 0.00145               | 0.435 | U      |
| 1,4-Dichlorobenzene         | 0.00109               | 0.327 | U      |
| n-Butylbenzene              | 0.00121               | 0.363 | 0.37   |
| Hexachloroethane            | 0.00094               | 0.282 | ប      |
| 1,2-Dichlorobenzene         | 0.00109               | 0.327 | U      |
| 1,2-Dibromo-3-chloropropane | 0.00220               | 0.660 | ប      |
| Nitrobenzene                | 0.02500               | 7.500 | U      |
| Hexachlorobutadiene         | 0.00257               | 0.771 | U      |
| 1,2,4-Trichlorobenzene      | 0.00152               | 0.456 | U      |
| Naphthalene                 | 0.00174               | 0.522 | 0.44 J |
| 1,2,3-Trichtorobenzene      | 0.00199               | 0.597 | U      |
| surrogate recoveries        | 1,2-Dichloroethane-d4 | 104   |        |
|                             | Toluene-d8            | 93    |        |
|                             | 4-Bromofluorobenzene  | 110   |        |

## S&S Onsite Analytical, Ltd. Phone (419) 422-9796 Fax (419) 422-4840 Cell (419) 722-4597

7277 Township Rd. 95 Findlay, Ohio 45840

Email <u>bschock212@aol.com</u>

| Sample ID                   | B-4 (0-4')  |       |        |
|-----------------------------|-------------|-------|--------|
| Lab ID                      | DF457       |       |        |
| Collection Date             | 9/20/12     |       |        |
| Analysis Date               | 9/25/12     |       |        |
| Run No.                     | V0925011    |       |        |
| sample matrix               | \$          |       | Calc'd |
| Compound                    | MDL         | RL    | result |
| Diciorodifluoromethane      | 0.00216     | 0.648 | U      |
| Chloromethane               | 0.00217     | 0.651 | ម      |
| Vinyl Chloride              | 0.00189     | 0.567 | U      |
| Bromomethane                | 0.00245     | 0.735 | U      |
| Chloroethane                | 0.00588     | 1.764 | บ      |
| Trichlorofluoromethane      | 0.00350     | 0.450 | U      |
| Diethyl ether               | 0.00118     | 0.354 | U      |
| 1,1-Dichloroethene          | 0.00279     | 0.837 | U      |
| Carbon disulfide            | 0.00525     | 1.575 | U      |
| lodomethane                 | 0.00323     | 0.540 | U      |
| Allyl chloride              | 0.00051     | 0.153 | U      |
| Methylene Chloride          | 0.00031     | 0.133 | U      |
| Acetone                     | 0.00329     | 0.987 | U      |
| trans-1,2-Dichloroethene    | 0.00080     | 0.240 | U      |
| Methyl-t-butyl ether (MTBE) | 0.00107     | 0.321 | บ      |
| 1,1-Dichloroethane          | 0.00131     | 0.321 | U      |
| Acrylonitrile               | 0.00175     | 0.525 | u      |
| cis-1,2-Dichloroethene      | 0.00170     | 0.323 | U      |
| 2,2-Dichloropropane         | 0.00155     | 0.465 | น      |
| Bromochloromethane          | 0.00064     | 0.192 | U      |
| Chloroform                  | 0.00101     | 0.303 | U      |
| Carbon Tetrachloride        | 0.00135     | 0.405 | U      |
| Methyl acrylate             | 0.00165     | 0.495 | U      |
| 1,1,1-Trichloroethane       | 0.00136     | 0.408 | u<br>u |
| 1,1-Dichloropropene         | 0.00761     | 2.283 | Ü      |
| 2-Butanone                  | 0.01500     | 4,500 | Ü      |
| 1-Chlorobutane              | 0.00151     | 0.453 | U      |
| Benzene                     | 0.00086     | 0.258 | Ü      |
| Propionitrile               | 0.00191     | 0.573 | U      |
| 1,2-Dichloroethane          | 0.00112     | 0.336 | U      |
| Trichloroethene             | 0.00099     | 0.297 | U      |
| Dibromomethane              | 0.00104     | 0.312 | U      |
| 1,2-Dichloropropane         | 0.00080     | 0.240 | U      |
| Bromodichloromethane        | 0.00113     | 0.339 | U      |
| Methyl methacrylate         | 0.00117     | 0.351 | U      |
| cis-1,3-Dichloropropene     | 0.00077     | 0.231 | U      |
| Toluene                     | 0.00099     | 0.297 | 15.1   |
|                             | ·+ <u>-</u> | - 3 1 |        |

## S&S Onsite Analytical, Ltd. Phone (419) 422-9796 Fax (419) 422-4840 Cell (419) 722-4597

7277 Township Rd. 95 Findlay, Ohio 45840

Email <u>bschock212@aol.com</u>

|                             | Toluene-d8            | 98    |       |
|-----------------------------|-----------------------|-------|-------|
| surrogate recoveries        | 1,2-Dichloroethane-d4 | 91    |       |
|                             |                       |       |       |
| 1,2,3-Trichlorobenzene      | 0,00199               | 0.597 | U     |
| Naphthalene                 | 0.00174               | 0.522 | U     |
| 1,2,4-Trichlorobenzene      | 0.00152               | 0.456 | U     |
| Hexachlorobutadiene         | 0.00257               | 0.771 | U     |
| Nitrobenzene                | 0.02500               | 7.500 | U     |
| 1,2-Dibromo-3-chloropropane | 0.00220               | 0.660 | U     |
| 1,2-Dichlorobenzene         | 0.00109               | 0.327 | U     |
| Hexachloroethane            | 0.00094               | 0.282 | U     |
| n-Butylbenzene              | 0.00121               | 0.363 | U     |
| 1,4-Dichlorobenzene         | 0.00109               | 0.327 | U     |
| 1,3-Dichlorobenzene         | 0.00145               | 0.435 | IJ    |
| p-Isopropyl toluene         | 0.00115               | 0.345 | U     |
| sec-Butylbenzene            | 0.00135               | 0.405 | U     |
| 1,2,4-Trimethylbenzene      | 0.00128               | 0.384 | U     |
| Pentachloroethane           | 0.00160               | 0.480 | U     |
| t-Butylbenzene              | 0.00156               | 0.468 | Ų     |
| 4-Chlorotoluene             | 0.00119               | 0.357 | U     |
| t-1,4-Dichloro-2-butene     | 0.00121               | 0.363 | U     |
| 1,3,5-Trimethylbenzene      | 0.00144               | 0.432 | U     |
| 1,2,3-Trichloropropane      | 0.00199               | 0.597 | U     |
| 2-Chlorotoluene             | 0.00105               | 0.315 | U     |
| 1,1,2,2-Tetrachloroethane   | 0.00159               | 0.477 | U     |
| n-Propylbenzene             | 0.00149               | 0.447 | 8.56  |
| Bromobenzene                | 0.00103               | 0.309 | U     |
| Isopropylbenzene            | 0.00107               | 0.321 | 10.5  |
| Styrene                     | 0.00166               | 0.498 | 213 E |
| Bromoform                   | 0.00088               | 0.264 | υ     |
| o-Xylene                    | 0.00116               | 0.348 | 4.20  |
| m&p-Xylene                  | 0.00266               | 0.798 | 7.78  |
| 1,1,1,2-Tetrachloroethane   | 0.00139               | 0.417 | U     |
| Ethylbenzene                | 0.00104               | 0.312 | 119 E |
| Chlorobenzene               | 0.00140               | 0.420 | U     |
| 2-Hexanone                  | 0.00212               | 0.636 | υ     |
| 1,2-Dibromoethane EDB)      | 0.00149               | 0.447 | υ     |
| 1.3-Dichloropropane         | 0.00185               | 0.555 | u     |
| Dibromochloromethane        | 0.00147               | 0.441 | ប     |
| Ethyl methacryllate         | 0.00185               | 0.555 | U     |
| 1,1,2-trichloroethane       | 0.00151               | 0.453 | U     |
| trans-1,3-Dichloropropene   | 0.00156               | 0.468 | U     |
| 4-Methyl-2-pentanone (MIBK) | 0.00218               | 0.654 | U     |
| Tetrachloroethene           | 0.00114               | 0.342 | U     |
| 2-Nitropropane              | 0,00313               | 0.939 | U     |
| 2-Nitropropane              | 0.00313               | 0.939 | U     |

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4-Bromofluorobenzene

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7277 Township Rd. 95 Findlay, Ohio 45840

Email <u>bschock212@aol.com</u>

| Sample ID                   | B-4 (12-16') |       |        |
|-----------------------------|--------------|-------|--------|
| Lab ID                      | DF458        |       |        |
| Collection Date             | 9/20/12      |       |        |
| Analysis Date               | 9/25/12      |       |        |
| Run No.                     | V0925012     |       |        |
| sample matrix               | S            |       | Calc'd |
| Compound                    | MDL          | RL    | result |
| •                           |              |       |        |
| Diclorodifluoromethane      | 0.00216      | 0.324 | U      |
| Chloromethane               | 0.00217      | 0.326 | U      |
| Vinyl Chloride              | 0.00189      | 0.284 | U      |
| Bromomethane                | 0.00245      | 0.368 | U      |
| Chloroethane                | 0.00588      | 0.882 | U      |
| Trichlorofluoromethane      | 0.00150      | 0.225 | U      |
| Diethyl ether               | 0.00118      | 0.177 | U      |
| 1,1-Dichloroethene          | 0.00279      | 0.419 | U      |
| Carbon disulfide            | 0.00525      | 0.788 | U      |
| lodomethane                 | 0.00180      | 0.270 | U      |
| Allyl chloride              | 0.00051      | 0.077 | U      |
| Methylene Chloride          | 0.00174      | 0.261 | U      |
| Acetone                     | 0.00329      | 0.494 | υ      |
| trans-1,2-Dichloroethene    | 0.00080      | 0.120 | บ      |
| Methyl-t-butyl ether (MTBE) | 0.00107      | 0.161 | U      |
| 1,1-Dichloroethane          | 0.00131      | 0.197 | U      |
| Acrylonitrile               | 0.00175      | 0.263 | U      |
| cis-1,2-Dichlaroethene      | 0.00130      | 0.195 | U      |
| 2,2-Dichloropropane         | 0.00155      | 0.233 | U      |
| Bromochloromethane          | 0.00064      | 0.096 | u      |
| Chloroform                  | 0.00101      | 0.152 | U      |
| Carbon Tetrachloride        | 0.00135      | 0.203 | บ      |
| Methyl acrylate             | 0.00165      | 0.248 | U      |
| 1,1,1-Trichloroethane       | 0.00136      | 0.204 | U      |
| 1,1-Dichloropropene         | 0.00761      | 1.142 | u      |
| 2-Butanone                  | 0.01500      | 2.250 | U      |
| 1-Chlorobutane              | 0.00151      | 0.227 | U      |
| Benzene                     | 0.00086      | 0.129 | U      |
| Propionitrile               | 0.00191      | 0.287 | U      |
| 1,2-Dichloroethane          | 0.00112      | 0.168 | U      |
| Trichloroethene             | 0.00099      | 0.149 | U      |
| Dibromomethane              | 0.00104      | 0.156 | บ      |
| 1,2-Dichloropropane         | 0.00080      | 0.120 | U      |
| Bromodichloromethane        | 0.00113      | 0.170 | U      |
| Methyl methacrylate         | 0.00117      | 0.176 | U      |
| cis-1,3-Dichloropropene     | 0.00077      | 0.116 | υ      |
| Toluene                     | 0.00099      | 0.149 | 2.69   |

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| 2-Nitropropane              | 0.00313               | 0.470 | U      |
|-----------------------------|-----------------------|-------|--------|
| Tetrachloroethene           | 0.00114               | 0.171 | U      |
| 4-Methyl-2-pentanone (MIBK) | 0.00218               | 0.327 | U      |
| trans-1,3-Dichloropropene   | 0.00156               | 0.234 | υ      |
| 1,1,2-trichloroethane       | 0.00151               | 0.227 | υ      |
| Ethyl methacryllate         | 0.00185               | 0.278 | U      |
| Dibromochloromethane        | 0.00147               | 0.221 | U      |
| 1.3-Dichloropropane         | 0.00185               | 0.278 | U      |
| 1,2-Dibromoethane EDB)      | 0.00149               | 0.224 | u      |
| 2-Hexanone                  | 0.00212               | 0,318 | U      |
| Chlorobenzene               | 0.00140               | 0.210 | U      |
| Ethylbenzene                | 0.00104               | 0.156 | 20.7   |
| 1,1,1,2-Tetrachloroethane   | 0.00139               | 0.209 | U      |
| m&p-Xylene                  | 0.00266               | 0.399 | 1.31   |
| o-Xylene                    | 0.00116               | 0.174 | 0.69   |
| Bromoform                   | 88000.0               | 0.132 | U      |
| Styrene                     | 0.00166               | 0.249 | 53.8 E |
| Isopropylbenzene            | 0.00107               | 0.161 | 1.54   |
| Bromobenzene                | 0.00103               | 0.155 | U      |
| n-Propylbenzene             | 0.00149               | 0.224 | 1.21   |
| 1,1,2,2-Tetrachloroethane   | 0.00159               | 0.239 | U      |
| 2-Chlorotoluene             | 0.00105               | 0.158 | U      |
| 1,2,3-Trichloropropane      | 0.00199               | 0.299 | U      |
| 1,3,5-Trimethylbenzene      | 0.00144               | 0.216 | U      |
| t-1,4-Dichloro-2-butene     | 0.00121               | 0.182 | U      |
| 4-Chlorotoluene             | 0.00119               | 0.179 | IJ     |
| t-Butylbenzene              | 0.00156               | 0.234 | ម      |
| Pentachloroethane           | 0.00160               | 0,240 | U      |
| 1,2,4-Trimethylbenzene      | 0.00128               | 0.192 | U      |
| sec-Butylbenzene            | 0.00135               | 0.203 | U      |
| p-Isopropyl toluene         | 0.00115               | 0.173 | U      |
| 1,3-Dichlorobenzene         | 0.00145               | 0.218 | Ų      |
| 1,4-Dichlorobenzene         | 0.00109               | 0.164 | ป      |
| n-Butylbenzene              | 0.00121               | 0.182 | U      |
| Hexachloroethane            | 0.00094               | 0.141 | u      |
| 1,2-Dichlorobenzene         | 0.00109               | 0.164 | U      |
| 1,2-Dibromo-3-chloropropane | 0.00220               | 0.330 | U      |
| Nitrobenzene                | 0.02500               | 3.750 | U      |
| Hexachlorobutadiene         | 0.00257               | 0.386 | U      |
| 1,2,4-Trichlorobenzene      | 0.00152               | 0.228 | U      |
| Naphthalene                 | 0.00174               | 0.261 | U      |
| 1,2,3-Trichlorobenzene      | 0.00199               | 0.299 | U      |
| aurrogato reasuration       | 4.9 Diablascalbase 34 | ٥.    |        |
| surrogate recoveries        | 1,2-Dichloroethane-d4 | 94    |        |
|                             | Toluene-d8            | 93    |        |

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4-Bromofluorobenzene

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Email Non-Responsive PII

#### **INSTRUMENT / METHOD BLANKS**

| Sample ID                   | Blank 1  |       |        |
|-----------------------------|----------|-------|--------|
| Analysis Date               | 9/25/12  |       |        |
| Run No.                     | V0925003 |       |        |
| sample matrix               | \$       |       | Calc'd |
| Compound                    | MDL      | RL    | result |
|                             |          |       |        |
| Diclorodifluoromethane      | 0.00216  | 0.006 | U      |
| Chloromethane               | 0.00217  | 0.007 | IJ     |
| Vinyl Chloride              | 0.00189  | 0.006 | Ü      |
| Bromomethane                | 0.00245  | 0.007 | υ      |
| Chloroethane                | 0.00588  | 0.018 | U      |
| Trichiorofluoromethane      | 0.00150  | 0.005 | Ü      |
| Diethyl ether               | 0.00118  | 0.004 | U      |
| 1,1-Dichloroethene          | 0.00279  | 0.008 | U      |
| Carbon disulfide            | 0.00525  | 0.016 | U      |
| lodomethane                 | 0.00180  | 0.005 | U      |
| Allyl chloride              | 0.00051  | 0.002 | Ų      |
| Methylene Chloride          | 0.00174  | 0.005 | U      |
| Acetone                     | 0.00329  | 0.010 | Ų      |
| trans-1,2-Dichloroethene    | 0.00080  | 0.002 | U      |
| Methyl-t-butyl ether (MTBE) | 0.00107  | 0.003 | U      |
| 1,1-Dichloroethane          | 0.00131  | 0.004 | U      |
| Acrylonitrile               | 0.00175  | 0.005 | U      |
| cis-1,2-Dichloroethene      | 0.00130  | 0.004 | U      |
| 2,2-Dichloropropane         | 0.00155  | 0.005 | U      |
| Bromochloromethane          | 0.00064  | 0.002 | U      |
| Chloroform                  | 0.00101  | 0.003 | U      |
| Carbon Tetrachloride        | 0.00135  | 0.004 | U      |
| Methyl acrylate             | 0,00165  | 0.005 | U      |
| 1,1,1-Trichloroethane       | 0.00136  | 0.004 | U      |
| 1,1-Dichloropropene         | 0.00761  | 0.023 | U      |
| 2-Butanone                  | 0.01500  | 0.045 | u      |
| 1-Chlorobutane              | 0.00151  | 0.005 | U      |
| Benzene                     | 0.00086  | 0,003 | U      |
| Propionitrile               | 0.00191  | 0.006 | U      |
| 1,2-Dichloroethane          | 0.00112  | 0.003 | U      |
| Trichloroethene             | 0.00099  | 0.003 | Ų      |
| Dibromomethane              | 0.00104  | 0.003 | U      |
| 1,2-Dichloropropane         | 0.00080  | 0.002 | U      |
| Bromodichloromethane        | 0.00113  | 0.003 | U      |
| Methyl methacrylate         | 0.00117  | 0.004 | U      |
| cis-1,3-Dichloropropene     | 0.00077  | 0.002 | U      |
| Toluene                     | 0.00099  | 0.003 | บ      |
| 2-Nitropropane              | 0.00313  | 0.009 | U      |
|                             |          |       |        |

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| Tetrachloroethene<br>4-Methyl-2-pentanone | 0.00114               | 0.003 | U |
|---|-----------------------|-------|---|
| (MIBK)                                    | 0.00218               | 0.007 | U |
| trans-1,3-Dichloropropene                 | 0.00156               | 0.005 | U |
| 1,1,2-trichloroethane                     | 0.00151               | 0.005 | U |
| Ethyl methacryllate                       | 0.00185               | 0.006 | U |
| Dibromochloromethane                      | 0.00147               | 0.004 | u |
| 1.3-Dichloropropane                       | 0.00185               | 0.006 | U |
| 1,2-Dibromoethane EDB)                    | 0.00149               | 0.004 | U |
| 2-Hexanone                                | 0.00212               | 0.006 | U |
| Chlorobenzene                             | 0.00140               | 0.004 | U |
| Ethylbenzene                              | 0.00104               | 0.003 | U |
| 1,1,1,2-Tetrachloroethane                 | 0.00139               | 0.004 | U |
| m&p-Xylene                                | 0.00266               | 800.0 | U |
| o-Xylene                                  | 0.00116               | 0.003 | U |
| Bromoform                                 | 0.00088               | 0.003 | U |
| Styrene                                   | 0.00166               | 0.005 | U |
| Isopropylbenzene                          | 0.00107               | 0.003 | U |
| Bromobenzene                              | 0.00103               | 0.003 | U |
| n-Propylbenzene                           | 0.00149               | 0.004 | U |
| 1,1,2,2-Tetrachloroethane                 | 0.00159               | 0.005 | U |
| 2-Chlorotoluene                           | 0.00105               | 0.003 | U |
| 1,2,3-Trichioropropane                    | 0.00199               | 0.006 | U |
| 1,3,5-Trimethylbenzene                    | 0.00144               | 0.004 | U |
| t-1,4-Dichloro-2-butene                   | 0.00121               | 0.004 | U |
| 4-Chiorotoluene                           | 0.00119               | 0.004 | ប |
| t-Butylbenzene                            | 0.00156               | 0.005 | U |
| Pentachloroethane                         | 0.00160               | 0.005 | U |
| 1,2,4-Trimethy/benzene                    | 0.00128               | 0.004 | U |
| sec-Butylbenzene                          | 0.00135               | 0.004 | υ |
| p-Isopropyl toluene                       | 0.00115               | 0.003 | υ |
| 1,3-Dichlorobenzene                       | 0.00145               | 0.004 | U |
| 1,4-Dichlorobenzene                       | 0.00109               | 0.003 | U |
| n-Butylbenzene                            | 0.00121               | 0.004 | U |
| Hexachloroethane                          | 0.00094               | 0,003 | U |
| 1,2-Dichlorobenzene<br>1,2-Dibromo-3-     | 0.00109               | 0.003 | U |
| chloropropane                             | 0.00220               | 0.007 | U |
| Nitrobenzene                              | 0.02500               | 0.075 | U |
| Hexachlorobutadiene                       | 0.00257               | 0.008 | u |
| 1,2,4-Trichlorobenzene                    | 0.00152               | 0.005 | u |
| Naphthalene                               | 0.00174               | 0.005 | u |
| 1,2,3-Trichlorobenzene                    | 0.00199               | 0.006 | U |
| GRO                                       | 0.01110               | 0.033 | U |
|   | 4.0.0/-14             | 40.0  |   |
| surrogate recoveries                      | 1,2-Dichloroethane-d4 | 101   |   |
|   | Toluene-d8            | 99    |   |

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4-Bromofluorobenzene

7277 Township Rd. 95 Findlay, Ohio 45840

#### LCS/Spike RESULTS

|                | Sample ID<br>Run No.   | LGS 1<br>V0925004     |            |
|----------------|------------------------|-----------------------|------------|
| C=814          | Compound               | 100.5                 |            |
| Spike<br>Lovel |                        | LCS Sample<br>Result  | LCS Spike  |
| ng/mi          |                        | Result                | % Recovery |
| нулга          |                        |                       |            |
| 50             | Vinyl chloride         | 57                    | 114        |
| 50             | 1,1-Dichloroethene     | 66                    | 132        |
| 50             | 1,1-Dichloroethane     | 63                    | 126        |
| 50             | cis-1,2-Dichloroethene | 64                    | 128        |
| 50             | Chloroform             | 64                    | 128        |
| 50             | 1,1,1-Trichloroethane  | 65                    | 130        |
| 50             | Benzene                | 55                    | 110        |
| 50             | Trichloroethene        | 62                    | 124        |
| 50             | Toluene                | 53                    | 106        |
| .50            | Tetrachloroethene      | 47                    | 94         |
| 50             | Chlorobenzene          | 60                    | 120        |
| 50             | Ethyl benzene          | 57                    | 114        |
| 100            | m&p-Xylene             | 114                   | 114        |
| 50             | o-Xylene               | 60                    | 120        |
| 50             | 1,2,3-Trichloropropane | 56                    | 112        |
| 50             | 2-Chlorotoluene        | 55                    | 110        |
| 50             | 1,2,4-Trimethylbenzene | 57                    | 114        |
| 50             | 1,3-Dichlorobenzene    | 59                    | 118        |
| 50             | 1,2,4-Trichlorobenzene | 48                    | 96         |
| 50             | Naphthalene            | 60                    | 120        |
|                | surrogate recoveries   | 1,2-Dichloroethane-d4 | 115        |
|                |                        | Toluene-d8            | 91         |
|                |                        | 4-Bromofluorobenzene  | 90         |

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#### MS/MSD and SAMPLE DUPLICATE RESULTS (results are from the instrument and not corrected for dilution)

|       | Sample ID                                  | B-1 (0-4') |           |            |            |            |      |
|-------|--|------------|-----------|------------|------------|------------|------|
|       | Lab ID                                     | DF453      |           |            |            |            |      |
|       | Run No.                                    | V0925005   | V0925006  |            | V0925007   |            |      |
|       | Compound                                   |            |           |            |            |            |      |
| Spike |  | Sample     | MS Sample | MS Spike   | MSD Sample | MSD Spike  | RPD  |
| Level |  | Results    | Result    | % Recovery | Result     | % Recovery |      |
| ng/ml |  |            |           |            |            |            |      |
| 50    | 1,1-Dichloroethene                         | 0.0        | 54        | 108        | 42         | 84         | 25.0 |
| 50    | 1,1-Dichloroethane<br>Methyl-t-butyl ether | 0.0        | 47        | 94         | 48         | 96         | 2.1  |
| 51    | (MTBE)                                     | 0.0        | 47        | 92         | 42         | 82         | 11.2 |
| 50    | cis-1,2-Dichloroethene                     | 0.0        | 51        | 102        | 47         | 94         | 8,2  |
| 50    | 1,1,1-Trichloroethane                      | 0.0        | 69        | 138        | 53         | 106        | 26.2 |
| 50    | Benzene                                    | 0.0        | 41        | 82         | 46         | 92         | 11.5 |
| 50    | Trichloroethene                            | 0.0        | 69        | 138        | 57         | 114        | 19.0 |
| .50   | Toluene                                    | 41.6       | 73        | 63         | 88         | 93         | 18.6 |
| 50    | Tetrachloroethene                          | 0.0        | 36        | 72         | 37         | 74         | 2.7  |
| 50    | Chlorobenzene                              | 0.0        | 49        | 98         | 50         | 100        | 2.0  |
| 50    | Ethyl benzene                              | 738.4      | 798       | 119        | 863        | 249        | 7.8  |
| 100   | m&p-Xylene                                 | 21.7       | 109       | 87         | 113        | 91         | 3.6  |
| 50    | o-Xylene                                   | 13.6       | 60        | 93         | 64         | 101        | 6.5  |
| 50    | 1,3-Dichlorobenzene                        | 0.0        | 53        | 106        | 53         | 106        | 0.0  |

#### S&S Onsite Analytical, Ltd.

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Email Non-Responsive PII

Case Narrative

Kilbane Environmental 11554 Lebanon Rd. Cincinnati, OH 45241

November 4, 2012

Project # 22150

All VOA samples collected for analysis by the laboratory for this project were extracted and analyzed within the respective holding times for the analyses performed.

Volatile analysis for the presence of target analytes was performed using USEPA Method 8260b utilizing a Tekmar® Purge and Trap system coupled to a Hewlett Packard® 5890/5971 GC/MS system. Water samples were either analyzed directly or diluted to bring target analytes within the linear range of the instrument. Volatile results were calculated directly from the 8260 curve.

Results listed between the MDL and the RL should be considered estimated values. In addition, sample results that exceed the calibration range of the instrument should also be considered estimated results. All samples that exceeded the linear range of the calibration curve, following any reasonable dilutions, for the sample results are flagged with an "E"; these levels are estimated and should be considered minimum values for the compounds reported.

All tune and calibration criteria were within method parameters for the compounds of interest.

#### NOTE:

All Water VOC results are in ug/L or (ppb).

#### **Data Qualifiers**

- 8 Compound was detected in the blank.
- U Compound was analyzed for but not detected above the MDL.
- J The compound results were between the MDL and the RL.
- E The concentration found in the sample exceeds the calibration range of the instrument.

NOTE: Reporting Limits reflect any sample dilutions that may have been performed.

7277 Township Rd. 95 Findlay, Ohio 45840

Email Non-Responsive PII

#### SAMPLE RESULTS

| Sample ID                   | MW-4     |      |        |
|-----------------------------|----------|------|--------|
| Lab ID                      | DF533    |      |        |
| Collection Date             | 10/31/12 |      |        |
| Analysis Date               | 11/3/12  |      |        |
| Run No.                     | V1103005 |      |        |
| sample matrix               | W        |      | Calc'd |
| Compound                    | MDL      | RL   | result |
| Compound                    | MOL      | INE. | ug/L   |
| Diclorodifluoromethane      | 1.59     | 4.8  | U      |
| Chloromethane               | 1.32     | 4.0  | Ü      |
| Vinyl Chloride              | 1.71     | 5.1  | Ü      |
| Bromomethane                | 2.44     | 7.3  | Ü      |
| Chloroethane                | 7.47     | 22.4 | Ü      |
| Trichlorofluoromethane      | 1.63     | 4.9  | U      |
| Diethyl ether               | 2.90     | 8.7  | Ü      |
| 1,1-Dichloroethene          | 5.96     | 17.9 | Ü      |
| Carbon disulfide            | 7.55     | 22.7 | Ü      |
| fodomethane                 | 3.86     | 11.6 | IJ     |
| Alivi chloride              | 0.70     | 2.1  | υ      |
| Methylene Chloride          | 15.00    | 45.0 | U      |
| Acetone                     | 3.94     | 11.8 | U      |
| trans-1,2-Dichloroethene    | 1.22     | 3.7  | U      |
| Methyl-t-butyl ether (MTBE) | 2.46     | 7.4  | U      |
| 1,1-Dichloroethane          | 1.50     | 4.5  | U      |
| Acrylonitrile               | 3.30     | 9.9  | Ų      |
| cis-1,2-Dichloroethene      | 1.73     | 5.2  | U      |
| 2,2-Dichloropropane         | 1,55     | 4.7  | U      |
| Bromochloromethane          | 2.32     | 7.0  | Ų      |
| Chloroform                  | 1.66     | 5.0  | U      |
| Carbon Tetrachloride        | 1.39     | 4.2  | U      |
| Methyl acrylate             | 3,18     | 9.5  | U      |
| 1,1,1-Trichloroethane       | 1.44     | 4.3  | U      |
| 1,1-Dichloropropene         | 1.19     | 3.6  | ີ ປ    |
| 2-Butanone                  | 15.00    | 45.0 | U      |
| 1-Chlorobutane              | 1.20     | 3.6  | U      |
| Benzene                     | 1.54     | 4.6  | U      |
| Propionitrite               | 2.38     | 7.1  | U      |
| 1,2-Dichloroethane          | 3.75     | 11.3 | U      |
| Trichloroethene             | 1.32     | 4.0  | U      |
| Dibromomethane              | 2.45     | 7.4  | IJ     |
| 1,2-Dichloropropane         | 1.52     | 4.6  | U      |
| Bromodichloromethane        | 1.74     | 5.2  | U      |
| Methyl methacrylate         | 2.19     | 6.6  | U      |
| cis-1,3-Dichtoropropene     | 1.72     | 5.2  | υ      |
| Toluene                     | 1.53     | 4.6  | U      |
|                             |          |      |        |

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| 2-Nitropropane                            | 2.95                  | 8.9  | ŧJ |
|---|-----------------------|------|----|
| Tetrachloroethene<br>4-Methyl-2-pentanone | 0.76                  | 2.3  | U  |
| (MIBK)                                    | 3.82                  | 11.5 | U  |
| trans-1,3-Dichloropropene                 | 1.94                  | 5.8  | U  |
| 1,1,2-trichloroethane                     | 2.42                  | 7.3  | U  |
| Ethyl methacryllate                       | 1,51                  | 4.5  | U  |
| Dibromochloromethane                      | 2.16                  | 6,5  | U  |
| 1.3-Dichloropropane                       | 2.06                  | 6.2  | U  |
| 1,2-Dibromoethane ED8)                    | 2.50                  | 7.5  | ຸປ |
| 2-Hexanone                                | 2.23                  | 6.7  | U  |
| Chlorobenzene                             | 1.75                  | 5.3  | U  |
| Ethylbenzene                              | 1.43                  | 4.3  | U  |
| 1,1,1,2-Tetrachloroethane                 | 1.84                  | 5.5  | U  |
| m&p-Xylene                                | 3.00                  | 9,0  | U  |
| o-Xylene                                  | 1.67                  | 5.0  | υ  |
| Bromoform                                 | 1.59                  | 4.8  | U  |
| Styrene                                   | 1.80                  | 5.4  | U  |
| Isopropylbenzene                          | 1.54                  | 4.6  | U  |
| Bromobenzene                              | 2.32                  | 7.0  | Ų  |
| n-Propylbenzene                           | 1.50                  | 4.5  | ឋ  |
| 1,1,2,2-Tetrachloroethane                 | 2.93                  | 8.8  | U  |
| 2-Chlorotoluene                           | 2.15                  | 6,5  | U  |
| 1,2,3-Trichloropropane                    | 2.25                  | 8,6  | U  |
| 1,3,5-Trimethylbenzene                    | 1.91                  | 5.7  | U  |
| t-1,4-Dichloro-2-butene                   | 3,48                  | 10.4 | U  |
| 4-Chlorotoluene                           | 1.65                  | 5.0  | IJ |
| t-Butylbenzene                            | 2.50                  | 7.5  | IJ |
| Pentachloroethane                         | 3.95                  | 11.9 | Ú  |
| 1,2,4-Trimethylbenzene                    | 1.81                  | 5.4  | U  |
| sec-Butyfbenzene                          | 1.75                  | 5.3  | ឞ  |
| p-Isopropyl toluene                       | 1.40                  | 4.2  | U  |
| 1,3-Dichlorobenzene                       | 1.98                  | 5.9  | U  |
| 1,4-Dichlorobenzene                       | 1.79                  | 5.4  | U  |
| n-Butylbenzene                            | 1.19                  | 3.6  | U  |
| Hexachloroethane                          | 2.29                  | 6.9  | Ų  |
| 1,2-Dichlorobenzene<br>1,2-Dibromo-3-     | 2.26                  | 6.8  | U  |
| chloropropane                             | 3.15                  | 9.5  | U  |
| Nitrobenzene                              | 20.00                 | 60.0 | U  |
| Hexachlorobutadiene                       | 1.24                  | 3.7  | U  |
| 1,2,4-Trichlorobenzene                    | 1.70                  | 5.1  | U  |
| Naphthalene                               | 2.86                  | 8.6  | u  |
| 1,2,3-Trichlorobenzene                    | 1.87                  | 5.6  | U  |
| surrogate recoveries                      | 1,2-Dichloroethane-d4 | 105  |    |
| 3 - 14 - 14 - 14 - 14 - 14 - 14 - 14      | Toluene-d8            | 101  |    |
|   |                       |      |    |

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4-Bromofluorobenzene

7277 Township Rd. 95 Findlay, Ohio 45840

Email Non-Responsive PII

| Lab ID DF534 Collection Date 10/31/12 Analysis Date 11/3/12 Run No. V1103006 sample matrix W Calc'd Compound MDL RL result  Dictorodifiuoromethane 1.59 4.8 U Chloromethane 1.32 4.0 U Viryl Chloride 1.71 5.1 U Bromoethane 7.47 22.4 U Trichlorofluoromethane 1.63 4.9 U Dictityl ether 2.90 8.7 U 1,1-Dichloroethane 5.96 17.9 U Carbon disulfide 7.55 22.7 U Iodomethane 3.86 11.6 U Allyl chloride 0.70 2.1 U Methylano Chloride 15.00 45.0 U Acetone 3.94 11.8 U trans-1,2-Dichloroethene 1.22 3.7 U Methyl-t-butyl ether (MTBE) 2.46 7.4 U 1,1-Dichloroethane 1.50 4.5 U Acrylonitrile 3.30 9.9 U dis-1,2-Dichloroethene 1.73 5.2 U Carbon Tetrachloride 1.50 4.5 U Carbon Tetrachloride 1.50 4.5 U Carbon Tetrachloride 1.50 4.5 U Carbon Tetrachloride 1.39 4.2 U Methyl acrylate 1.44 4.3 U 1,1-Dichloroethane 1.50 4.5 U Carbon Tetrachloride 1.39 4.2 U Methyl acrylate 1.44 4.3 U 1,1-Dichloroethane 1.50 4.5 U Carbon Tetrachloride 1.39 4.2 U Methyl acrylate 1.44 4.3 U 1,1-Dichloroethane 1.50 4.5 U Carbon Tetrachloride 1.39 4.2 U Methyl acrylate 1.44 4.3 U 1,1-Dichloroethane 1.50 4.5 U Carbon Tetrachloride 1.39 4.2 U Methyl acrylate 1.49 3.6 U L-Chlorobutane 1.50 4.5 U L-Chlorobutane 1.50 4.6 U L-Chlorobutane 1.50 4.6 U Dibromomethane 1.54 4.6 U Propionitrile 2.38 7.1 U 1,2-Dichloroethane 1.52 4.6 U Dibromomethane 1.52 4.6 U Methyl methacrylate 2.19 6.6 U Tolloune 1.53 4.6 U   | Sample ID                   | MW-6     |      |        |
|---|-----------------------------|----------|------|--------|
| Analysis Date 11/3/12 Run No. V1103008 sample matrix W Calc'd Compound MDL RL result  Dictorodifluoromethane 1.59 4.8 U Chloromethane 1.32 4.0 U Vinyl Chloride 1.71 5.1 U Bromomethane 2.44 7.3 U Chloroethane 7.47 22.4 U Trichlorofluoromethane 1.63 4.9 U Dictityl ether 2.90 8.7 U 1,1-Dichloroethane 5.96 17.9 U Carbon disulfide 7.55 22.7 U Idedonate 3.86 11.6 U Actional 4.9 U Methyleno Chloride 15.00 45.0 U Acetone 3.94 11.8 U Itrans-1,2-Dichloroethene 1.22 3.7 U Methyl-t-butyl ether (MTBE) 2.46 7.4 U 1,1-Dichloroethane 1.50 4.5 U Acrylonitrile 3.30 9.9 U Introduction 1.50 4.5 U Acrylonitrile 3.30 9.9 U Carbon Tetrachloride 1.55 4.7 U Bromochloromethane 2.32 7.0 U Chloroform 1.66 5.0 U Carbon Tetrachloride 1.39 4.2 U Methyl acrylate 3.18 9.5 U 1,1-Trichloroethane 1.50 4.5 U Carbon Tetrachloride 1.39 4.2 U Methyl acrylate 3.18 9.5 U 1,1-Trichloroethane 1.50 4.6 U Carbon Tetrachloride 1.39 4.2 U Methyl acrylate 3.18 9.5 U 1,1-Trichloroethane 1.50 4.5 U Carbon Tetrachloride 1.39 4.2 U Methyl acrylate 3.18 9.5 U 1,1-Trichloroethane 1.50 4.6 U Carbon Tetrachloride 1.39 4.2 U Methyl acrylate 3.18 9.5 U 1,1-Trichloroethane 1.50 4.6 U Carbon Tetrachloride 1.39 4.2 U Methyl acrylate 3.18 9.5 U 1,1-Trichloroethane 1.50 4.6 U Carbon Tetrachloride 1.39 4.2 U Methyl acrylate 3.18 9.5 U 1,1-Dichloropropene 1.59 3.6 U Carbon Tetrachloride 1.39 4.2 U Methyl acrylate 3.18 9.5 U 1,1-Dichloropropene 1.50 4.6 U Dichloropropene 1.50 6. U Dichloropropene 1.50 6. U Dichloropropene 1.50 6. U Dichloropropene 1.50 6. U Dichloropropene 1.50 6. U Dichloropropene 1.50 6. U Dichloropropene 1.50 6. U | •                           |          |      |        |
| Run No.         V1103008           sample matrix         W         Calcid           Compound         MDL         RL         result           Diclorodiffuoromethane         1.59         4.8         U           Chloromethane         1.32         4.0         U           Vinyl Chloride         1.71         5.1         U           Bromomethane         2.44         7.3         U           Chloroethane         7.47         22.4         U           Trichlorofluoromethane         1.63         4.9         U           Diethyl ether         2.90         8.7         U           1,1-Dichloroethene         5.96         17.9         U           Carbon disulfide         7.55         22.7         U           Iodomethane         3.86         11.6         U           Allyl chloride         0.70         2.1         U           Methyleno Chloride         15.00         45.0         U           Acetone         3.94         11.8         U           Kethyleno Chloride         1.50         4.5         U           Methyl-t-butyl ether (MTBE)         2.46         7.4         U           1,1-Dichloroethane <td>Collection Date</td> <td>10/31/12</td> <td></td> <td></td>  | Collection Date             | 10/31/12 |      |        |
| sample matrix         W         Calc'd           Compound         MDL         RL         result           Compound         MDL         RL         result           Chloromethane         1.32         4.0         U           Vinyl Chloride         1.71         5.1         U           Bromomethane         2.44         7.3         U           Chloroethane         7.47         22.4         U           Trichlorofluoromethane         1.63         4.9         U           Dictryl ether         2.90         8.7         U           1,1-Dichloroethene         5.96         17.9         U           Carbon disulfide         7.55         22.7         U           Iodomethane         3.86         11.6         U           Allyl chloride         0.70         2.1         U           Methylane Chloride         15.00         46.0         U           Acetone         3.94         11.8         U           trans-1,2-Dichloroethene         1.22         3.7         U           Methyl-t-butyl ether (MTBE)         2.46         7.4         U           1,1-Dichloroethane         1.50         4.5         U  | Analysis Date               | 11/3/12  |      |        |
| Dictorodifituoromethane   | Run No.                     | V1103008 |      |        |
| Dictorodifituoromethane   | sample matrix               | W        |      | Calc'd |
| Chloromethane         1.32         4.0         U           Vinyl Chloride         1.71         5.1         U           Bromomethane         2.44         7.3         U           Chloroethane         7.47         22.4         U           Trichlorofluoromethane         1.63         4.9         U           Diethyl ether         2.90         8.7         U           1,1-Dichloroethene         5.96         17.9         U           Carbon disulfide         7.55         22.7         U           Icdomethane         3.86         11.6         U           Allyl chloride         0.70         2.1         U           Methylene Chloride         15.00         45.0         U           Acetone         3.94         11.8         U           trans-1,2-Dichloroethene         1.22         3.7         U           Methyl-t-butyl ether (MTBE)         2.46         7.4         U           1,1-Dichloroethane         1.50         4.5         U           Acrylonitrile         3.30         9.9         U           cis-1,2-Dichloroethane         1.73         5.2         U           2,2-Dichloroethane         1.55         4  | •                           | MDL      | RL   |        |
| Chloromethane         1.32         4.0         U           Vinyl Chloride         1.71         5.1         U           Bromomethane         2.44         7.3         U           Chloroethane         7.47         22.4         U           Trichlorofluoromethane         1.63         4.9         U           Diethyl ether         2.90         8.7         U           1,1-Dichloroethene         5.96         17.9         U           Carbon disulfide         7.55         22.7         U           Icdomethane         3.86         11.6         U           Allyl chloride         0.70         2.1         U           Methylene Chloride         15.00         45.0         U           Acetone         3.94         11.8         U           trans-1,2-Dichloroethene         1.22         3.7         U           Methyl-t-butyl ether (MTBE)         2.46         7.4         U           1,1-Dichloroethane         1.50         4.5         U           Acrylonitrile         3.30         9.9         U           cis-1,2-Dichloroethane         1.73         5.2         U           2,2-Dichloroethane         1.55         4  | ,                           |          |      |        |
| Vinyl Chloride         1.71         5.1         U           Bromomethane         2.44         7.3         U           Chloroethane         7.47         22.4         U           Trichlorofluoromethane         1.63         4.9         U           Diethyl ether         2.90         8.7         U           1,1-Dichloroethene         5.96         17.9         U           Carbon disulfide         7.65         22.7         U           Iodomethane         3.86         11.6         U           Allyl chloride         0.70         2.1         U           Methylene Chloride         15.00         45.0         U           Acetone         3.94         11.8         U           trans-1,2-Dichloroethene         1.22         3.7         U           Methyl-t-butyl ether (MTBE)         2.46         7.4         U           1,1-Dichloroethane         1.50         4.5         U           Acrylonitrile         3.30         9.9         U           cis-1,2-Dichloroethene         1.73         5.2         U           2,2-Dichloroethene         1.73         5.2         U           Chloroform         1.66         5.0<  | Diclorodifluoromethane      | 1.59     | 4.8  | U      |
| Bromomethane         2.44         7.3         U           Chloroethane         7.47         22.4         U           Trichlorofluoromethane         1.63         4.9         U           Diethyl ether         2.90         8.7         U           1,1-Dichloroethene         5.96         17.9         U           Carbon disulfide         7.65         22.7         U           Iodomethane         3.86         11.6         U           Allyl chloride         0.70         2.1         U           Methylene Chloride         15.00         45.0         U           Acetone         3.94         11.8         U           trans-1,2-Dichloroethene         1.22         3.7         U           Methyl-t-butyl ether (MTBE)         2.46         7.4         U           1,1-Dichloroethane         1.50         4.5         U           Acrylonitrile         3.30         9.9         U           cis-1,2-Dichloroethene         1.73         5.2         U           2,2-Dichloroethene         1.73         5.2         U           2,2-Dichloropropane         1.55         4.7         U           Bromochloromethane         2.32  | Chloromethane               | 1.32     | 4.0  | U      |
| Chloroethane 7.47 22.4 U Trichlorofluoromethane 1.63 4.9 U Diethyl ether 2.90 8.7 U 1,1-Dichloroethene 5.96 17.9 U Carbon disutfide 7.55 22.7 U lodomethane 3.86 11.6 U Allyl chloride 0.70 2.1 U Methylene Chloride 15.00 45.0 U Acetone 3.94 11.8 U trans-1,2-Dichloroethene 1.22 3.7 U Methyl-t-butyl ether (MTBE) 2.46 7.4 U 1,1-Dichloroethane 1.50 4.5 U Acrylonitrile 3.30 9.9 U cis-1,2-Dichloroethene 1.73 5.2 U 2,2-Dichloropropane 1.55 4.7 U Bromochloromethane 2.32 7.0 U Chloroform 1.66 5.0 U Carbon Tetrachloride 1.39 4.2 U Methyl acrylate 3.18 9.5 U 1,1,1-Trichloroethane 1.50 45.0 U 1,1-Dichloropropane 1.54 4.6 U 1,1-Dichloropropane 1.55 4.7 U Senzene 1.54 4.6 U Propionitrile 2.38 7.1 U 1,2-Dichloroethane 1.20 3.6 U Benzene 1.54 4.6 U Propionitrile 2.38 7.1 U 1,2-Dichloroethane 1.32 4.0 U Dibromomethane 2.45 7.4 U 1,2-Dichloroethane 1.32 4.0 U Dibromomethane 2.45 7.4 U 1,2-Dichloropropane 1.52 4.6 U Bromodichloromethane 1.74 5.2 U Methyl methacrylate 2.19 6.6 U des-1,3-Dichloropropene 1.72 5.2 U  | Vinyl Chloride              | 1.71     | 5.1  | U      |
| Trichlorofluoromethane         1.63         4.9         U           Diethyl ether         2.90         8.7         U           1,1-Dichloroethene         5.96         17.9         U           Carbon disulfide         7.55         22.7         U           Iodomethane         3.86         11.6         U           Allyl chloride         0.70         2.1         U           Methyleno Chleride         15.00         45.0         U           Acetons         3.94         11.8         U           trans-1,2-Dichloroethene         1.22         3.7         U           Methyl-t-butyl ether (MTBE)         2.46         7.4         U           1,1-Dichloroethane         1.50         4.5         U           Acrylonitrile         3.30         9.9         U           cis-1,2-Dichloroethene         1.73         5.2         U           2,2-Dichloropopane         1.55         4.7         U           Bromochloromethane         2.32         7.0         U           Chloroform         1.66         5.0         U           Carbon Tetrachloride         1.39         4.2         U           Methyl acrylate         3.18   | Bromomethane                | 2.44     | 7.3  | U      |
| Diethyl ether   | Chloroethane                | 7.47     | 22.4 | U      |
| 1,1-Dichloroethene         5.96         17.9         U           Carbon disulfide         7.55         22.7         U           Iodomethane         3.86         11.6         U           Allyl chloride         0.70         2.1         U           Methylano Chloride         15.00         45.0         U           Acetone         3.94         11.8         U           trans-1,2-Dichloroethene         1.22         3.7         U           Methyl-t-butyl ether (MTBE)         2.46         7.4         U           1,1-Dichloroethane         1.50         4.5         U           Acrylonitrile         3.30         9.9         U           cis-1,2-Dichloroethane         1.73         5.2         U           2,2-Dichloropropane         1.55         4.7         U           Bromochloromethane         2.32         7.0         U           Chloroform         1.66         5.0         U           Carbon Tetrachloride         1.39         4.2         U           Methyl acrylate         3.18         9.5         U           1,1-Trichloroethane         1.50         45.0         U           1-Chlorobutane         1.50   | Trichlorofluoromethane      | 1.63     | 4.9  | U      |
| Carbon disulfide         7.55         22.7         U           lodomethane         3.86         11.6         U           Allyl chloride         0.70         2.1         U           Methylene Chloride         15.00         45.0         U           Acetone         3.94         11.8         U           trans-1,2-Dichloroethene         1.22         3.7         U           Methyl-t-butyl ether (MTBE)         2.46         7.4         U           1,1-Dichloroethane         1.50         4.5         U           Acrylonitrile         3.30         9.9         U           cis-1,2-Dichloroethene         1.73         5.2         U           2,2-Dichloropropane         1.55         4.7         U           Bromochloromethane         2.32         7.0         U           Chloroform         1.66         5.0         U           Carbon Tetrachloride         1.39         4.2         U           Methyl acrylate         3.18         9.5         U           1,1-Trichloroethane         1.44         4.3         U           1,1-Dichloropropene         1.50         45.0         U           2-Butanone         1.50   | Diethyl ether               | 2.90     | 8.7  | U      |
| Independent   | 1,1-Dichloroethene          | 5.96     | 17.9 | U      |
| Allyl chloride 0.70 2.1 U  Methylano Chloride 15.00 45.0 U  Acetone 3.94 11.8 U  trans-1,2-Dichloroethene 1.22 3.7 U  Methyl-t-butyl ether (MTBE) 2.46 7.4 U  1,1-Dichloroethane 1.50 4.5 U  Acrylonitrile 3.30 9.9 U  cis-1,2-Dichloroethene 1.73 5.2 U  2,2-Dichloropropane 1.55 4.7 U  Bromochloromethane 2.32 7.0 U  Chloroform 1.66 5.0 U  Carbon Tetrachloride 1.39 4.2 U  Methyl acrylate 3.18 9.5 U  1,1,1-Trichloroethane 1.44 4.3 U  1,1-Dichloropropane 1.54 4.6 U  2-Butanone 15.00 45.0 U  1-Chlorobutane 1.20 3.6 U  Benzene 1.54 4.6 U  Propionitrile 2.38 7.1 U  1,2-Dichloroethane 1.32 4.0 U  Trichloroethane 1.32 4.0 U  Dibromomethane 1.32 4.0 U  L-Dichloropropane 1.52 4.6 U  Dibromomethane 1.52 4.6 U  Bromodichloromethane 1.74 5.2 U  Methyl methacrylate 2.19 6.6 U  dis-1,3-Dichloropropene 1.72 5.2 U   | Carbon disulfide            | 7.55     | 22.7 | U      |
| Methylane Chloride         15.00         45.0         U           Acetone         3.94         11.8         U           trans-1,2-Dichloroethene         1.22         3.7         U           Methyl-t-butyl ether (MTBE)         2.46         7.4         U           1,1-Dichloroethane         1.50         4.5         U           Acrylonitrile         3.30         9.9         U           cis-1,2-Dichloroethene         1.73         5.2         U           2,2-Dichloropropane         1.55         4.7         U           Bromochloromethane         2.32         7.0         U           Chloroform         1.66         5.0         U           Carbon Tetrachloride         1.39         4.2         U           Methyl acrylate         3.18         9.5         U           1,1,1-Trichloroethane         1.44         4.3         U           1,1-Dichloropropene         1.19         3.6         U           2-Butanone         15.00         45.0         U           1-Chlorobutane         1.20         3.6         U           Benzene         1.54         4.6         U           Propionitrile         2.38   | lodomethane                 | 3.86     | 11.6 | U      |
| Acetone         3.94         11.8         U           trans-1,2-Dichloroethene         1,22         3.7         U           Methyl-t-butyl ether (MTBE)         2.46         7.4         U           1,1-Dichloroethane         1.50         4.5         U           Acrylonitrile         3.30         9.9         U           cis-1,2-Dichloroethene         1.73         5.2         U           2,2-Dichloropropane         1.55         4.7         U           Bromochloromethane         2.32         7.0         U           Chloroform         1.66         5.0         U           Carbon Tetrachloride         1.39         4.2         U           Methyl acrylate         3.18         9.5         U           1,1,1-Trichloroethane         1.44         4.3         U           1,1-Dichloropropene         1.19         3.6         U           2-Butanone         15.00         45.0         U           1-Chtorobutane         1.20         3.6         U           Benzene         1.54         4.6         U           Propionitrile         2.38         7.1         U           1,2-Dichloroethane         3.75         11  | Allyl chloride              | 0.70     | 2.1  | U      |
| trans-1,2-Dichloroethene         1,22         3.7         U           Methyl-t-butyl ether (MTBE)         2.46         7.4         U           1,1-Dichloroethane         1.50         4.5         U           Acrylonitrile         3.30         9.9         U           cis-1,2-Dichloroethene         1.73         5.2         U           2,2-Dichloropropane         1.55         4.7         U           Bromochloromethane         2.32         7.0         U           Chloroform         1.66         5.0         U           Carbon Tetrachloride         1.39         4.2         U           Methyl acrylate         3.18         9.5         U           1,1,1-Trichloroethane         1.44         4.3         U           1,1-Dichloropropene         1.19         3.6         U           2-Butanone         15.00         45.0         U           1-Chlorobutane         1.20         3.6         U           Benzene         1.54         4.6         U           Propionitrile         2.38         7.1         U           1,2-Dichloroethane         3.75         11.3         U           Trichloroethane         1.52   | Methylene Chloride          | 15.00    | 45.0 | U      |
| Methyl-t-butyl ether (MTBE)         2.46         7.4         U           1,1-Dichloroethane         1.50         4,5         U           Acrylonitrille         3.30         9.9         U           cis-1,2-Dichloroethene         1.73         5.2         U           2,2-Dichloropropane         1.55         4.7         U           Bromochloromethane         2.32         7.0         U           Chloroform         1.66         5.0         U           Carbon Tetrachloride         1.39         4.2         U           Methyl acrylate         3.18         9.5         U           1,1,1-Trichloroethane         1.44         4.3         U           1,1-Dichloropropene         1.19         3.6         U           2-Butanone         15.00         45.0         U           1-Chlorobutane         1.20         3.6         U           Benzene         1.54         4.6         U           Propionitrile         2.38         7.1         U           1,2-Dichloroethane         3.75         11.3         U           Trichloroethane         1.32         4.0         U           Dibromomethane         2.45         7.4  | Acetone                     | 3.94     | 11.8 | U      |
| 1,1-Dichloroethane       1,50       4,5       U         Acrylonitrile       3.30       9.9       U         cis-1,2-Dichloroethene       1.73       5.2       U         2,2-Dichloropropane       1.55       4.7       U         Bromochloromethane       2.32       7.0       U         Chloroform       1.66       5.0       U         Carbon Tetrachloride       1.39       4.2       U         Methyl acrylate       3.18       9.5       U         1,1,1-Trichloroethane       1.44       4.3       U         1,1-Dichloropropene       1.19       3.6       U         2-Butanone       15.00       45.0       U         1-Chlorobutane       1.20       3.6       U         Benzene       1.54       4.6       U         Propionitrile       2.38       7.1       U         1,2-Dichloroethane       3.75       11.3       U         Trichloroethane       1.32       4.0       U         Dibromomethane       2.45       7.4       U         1,2-Dichloropropane       1.52       4.6       U         Bromodichloromethane       1.74       5.2       U <td>trans-1,2-Dichloroethene</td> <td>1.22</td> <td>3.7</td> <td>υ</td>   | trans-1,2-Dichloroethene    | 1.22     | 3.7  | υ      |
| Acrylonitrile         3.30         9.9         U           cis-1,2-Dichloroethene         1.73         5.2         U           2,2-Dichloropropane         1.55         4.7         U           Bromochloromethane         2.32         7.0         U           Chloroform         1.66         5.0         U           Carbon Tetrachloride         1.39         4.2         U           Methyl acrylate         3.18         9.5         U           1,1,1-Trichloroethane         1.44         4.3         U           1,1-Dichloropropene         1.19         3.6         U           2-Butanone         15.00         45.0         U           1-Chlorobutane         1.20         3.6         U           Benzene         1.54         4.6         U           Propionitrile         2.38         7.1         U           1,2-Dichloroethane         3.75         11.3         U           Trichloroethane         1.32         4.0         U           Dibromomethane         2.45         7.4         U           1,2-Dichloropropane         1.52         4.6         U           Bromodichloromethane         1.74         5.2   | Methyl-t-butyl ether (MTBE) | 2.46     | 7.4  | U      |
| cis-1,2-Dichloroethene         1.73         5.2         U           2,2-Dichloropropane         1.55         4.7         U           Bromochloromethane         2.32         7.0         U           Chloroform         1.66         5.0         U           Carbon Tetrachloride         1.39         4.2         U           Methyl acrylate         3.18         9.5         U           1,1,1-Trichloroethane         1.44         4.3         U           1,1-Dichloropropene         1.19         3.6         U           2-Butanone         15.00         45.0         U           1-Chlorobutane         1.20         3.6         U           Benzene         1.54         4.6         U           Propionitrile         2.38         7.1         U           1,2-Dichloroethane         3.75         11.3         U           Trichloroethane         1.32         4.0         U           Dibromomethane         2.45         7.4         U           1,2-Dichloropropane         1.52         4.6         U           Bromodichloromethane         1.74         5.2         U           Methyl methacrylate         2.19         6.6<  | 1,1-Dichloroethane          | 1.50     | 4,5  | υ      |
| 2,2-Dichloropropane       1,55       4,7       U         Bromochloromethane       2,32       7,0       U         Chloroform       1,66       5,0       U         Carbon Tetrachloride       1,39       4,2       U         Methyl acrylate       3,18       9,5       U         1,1-Trichloroethane       1,44       4,3       U         1,1-Dichloropropene       1,19       3,6       U         2-Butanone       15,00       45,0       U         1-Chlorobutane       1,20       3,6       U         Benzene       1,54       4,6       U         Propionitrile       2,38       7,1       U         1,2-Dichloroethane       3,75       11,3       U         Trichloroethane       1,32       4,0       U         Dibromomethane       2,45       7,4       U         1,2-Dichloropropane       1,52       4,6       U         Bromodichloromethane       1,74       5,2       U         Methyl methacrylate       2,19       6,6       U         cls-1,3-Dichloropropene       1,72       5,2       U  | Acrylonitrile               | 3.30     | 9,9  | υ      |
| Bromochloromethane         2.32         7.0         U           Chloroform         1.66         5.0         U           Carbon Tetrachloride         1.39         4.2         U           Methyl acrylate         3.18         9.5         U           1,1,1-Trichloroethane         1.44         4.3         U           1,1-Dichloropropene         1.19         3.6         U           2-Butanone         15.00         45.0         U           1-Chlorobutane         1.20         3.6         U           Benzene         1.54         4.6         U           Propionitrile         2.38         7.1         U           1,2-Dichloroethane         3.75         11.3         U           Trichloroethane         1.32         4.0         U           Dibromomethane         2.45         7.4         U           1,2-Dichloropropane         1.52         4.6         U           Bromodichloromethane         1.74         5.2         U           Methyl methacrylate         2.19         6.6         U           cls-1,3-Dichloropropene         1.72         5.2         U   | cis-1,2-Dichloroethene      | 1.73     | 5.2  | Ų      |
| Chloroform         1.66         5.0         U           Carbon Tetrachloride         1.39         4.2         U           Methyl acrylate         3.18         9.5         U           1,1,1-Trichloroethane         1.44         4.3         U           1,1-Dichloropropene         1.19         3.6         U           2-Butanone         15.00         45.0         U           1-Chlorobutane         1.20         3.6         U           Benzene         1.54         4.6         U           Propionitrile         2.38         7.1         U           1,2-Dichloroethane         3.75         11.3         U           Trichloroethene         1.32         4.0         U           Dibromomethane         2.45         7.4         U           1,2-Dichloropropane         1.52         4.6         U           Bromodichloromethane         1.74         5.2         U           Methyl methacrylate         2.19         6.6         U           cls-1,3-Dichloropropene         1.72         5.2         U   | 2,2-Dichloropropane         | 1.55     | 4.7  | u      |
| Carbon Tetrachloride         1.39         4.2         U           Methyl acrylate         3.18         9.5         U           1,1,1-Trichloroethane         1.44         4.3         U           1,1-Dichloropropene         1.19         3.6         U           2-Butanone         15.00         45.0         U           1-Chlorobutane         1.20         3.6         U           Benzene         1.54         4.6         U           Propionitrile         2.38         7.1         U           1,2-Dichloroethane         3.75         11.3         U           Trichloroethane         1.32         4.0         U           Dibromomethane         2.45         7.4         U           1,2-Dichloropropane         1.52         4.6         U           Bromodichloromethane         1.74         5.2         U           Methyl methacrylate         2.19         6.6         U           cls-1,3-Dichloropropene         1.72         5.2         U   | Bromochloromethane          | 2.32     | 7.0  | U      |
| Methyl acrylate         3.18         9.5         U           1,1,1-Trichloroethane         1.44         4.3         U           1,1-Dichloropropene         1.19         3.6         U           2-Butanone         15.00         45.0         U           1-Chlorobutane         1.20         3.6         U           Benzene         1.54         4.6         U           Propionitrile         2.38         7.1         U           1,2-Dichloroethane         3.75         11.3         U           Trichloroethane         1.32         4.0         U           Dibromomethane         2.45         7.4         U           1,2-Dichloropropane         1.52         4.6         U           Bromodichloromethane         1.74         5.2         U           Methyl methacrylate         2.19         6.6         U           cls-1,3-Dichloropropene         1.72         5.2         U   | Chloroform                  | 1.66     | 5.0  | U      |
| 1,1,1-Trichloroethane       1,44       4.3       U         1,1-Dichloropropene       1.19       3.6       U         2-Butanone       15.00       45.0       U         1-Chlorobutane       1.20       3.6       U         Benzene       1.54       4.6       U         Propionitrile       2.38       7.1       U         1,2-Dichloroethane       3.75       11.3       U         Trichloroethane       1.32       4.0       U         Dibromomethane       2.45       7.4       U         1,2-Dichloropropane       1.52       4.6       U         Bromodichloromethane       1.74       5.2       U         Methyl methacrylate       2.19       6.6       U         cls-1,3-Dichloropropene       1.72       5.2       U  | Carbon Tetrachloride        | 1.39     | 4.2  | U      |
| 1,1-Dichloropropene       1.19       3.6       U         2-Butanone       15.00       45.0       U         1-Chlorobutane       1.20       3.6       U         Benzene       1.54       4.6       U         Propionitrile       2.38       7.1       U         1,2-Dichloroethane       3.75       11.3       U         Trichloroethane       1.32       4.0       U         Dibromomethane       2.45       7.4       U         1,2-Dichloropropane       1.52       4.6       U         Bromodichloromethane       1.74       5.2       U         Methyl methacrylate       2.19       6.6       U         cls-1,3-Dichloropropene       1.72       5.2       U   | Methyl acrylate             | 3.18     | 9.5  | U      |
| 2-Butanone       15.00       45.0       U         1-Chtorobutane       1.20       3.6       U         Benzene       1.54       4.6       U         Propionitrile       2.38       7.1       U         1,2-Dichloroethane       3.75       11.3       U         Trichloroethane       1.32       4.0       U         Dibromomethane       2.45       7.4       U         1,2-Dichloropropane       1.52       4.6       U         Bromodichloromethane       1.74       5.2       U         Methyl methacrylate       2.19       6.6       U         cls-1,3-Dichloropropene       1.72       5.2       U  | 1,1,1-Trichtoroethane       | 1.44     | 4.3  | U      |
| 1-Chlorobutane 1.20 3.6 U Benzene 1.54 4.6 U Propionitrile 2.38 7.1 U 1,2-Dichloroethane 3.75 11.3 U Trichloroethane 1.32 4.0 U Dibromomethane 2.45 7.4 U 1,2-Dichloropropane 1.52 4.6 U Bromodichloromethane 1.74 5.2 U Methyl methacrylate 2.19 6.6 U cls-1,3-Dichloropropene 1.72 5.2 U  | 1,1-Dichloropropene         | 1.19     | 3.6  | U      |
| Benzene         1.54         4.6         U           Propionitrile         2.38         7.1         U           1,2-Dichloroethane         3.75         11.3         U           Trichloroethane         1.32         4.0         U           Dibromomethane         2.45         7.4         U           1,2-Dichloropropane         1.52         4.6         U           Bromodichloromethane         1.74         5.2         U           Methyl methacrylate         2.19         6.6         U           cls-1,3-Dichloropropene         1.72         5.2         U  | 2-Butanone                  | 15.00    | 45.0 | U      |
| Propionitrile         2.38         7.1         U           1,2-Dichloroethane         3.75         11.3         U           Trichloroethane         1.32         4.0         U           Dibromomethane         2.45         7.4         U           1,2-Dichloropropane         1.52         4.6         U           Bromodichloromethane         1.74         5.2         U           Methyl methacrylate         2.19         6.6         U           cls-1,3-Dichloropropene         1.72         5.2         U   | 1-Chlorobutane              | 1.20     | 3.6  | U      |
| 1,2-Dichloroethane       3.75       11.3       U         Trichloroethene       1.32       4.0       U         Dibromomethane       2.45       7.4       U         1,2-Dichloropropane       1.52       4.6       U         Bromodichloromethane       1.74       5.2       U         Methyl methacrylate       2.19       6.6       U         cls-1,3-Dichloropropene       1.72       5.2       U  | Benzene                     | 1.54     | 4.6  | ប      |
| Trichloroethene         1.32         4.0         U           Dibromomethane         2.45         7.4         U           1,2-Dichloropropane         1.52         4.6         U           Bromodichloromethane         1.74         5.2         U           Methyl methacrylate         2.19         6.6         U           cls-1,3-Dichloropropene         1.72         5.2         U   | Propionitrile               | 2.38     | 7.1  | IJ     |
| Dibromomethane         2.45         7.4         U           1,2-Dichloropropane         1.52         4.6         U           Bromodichloromethane         1.74         5.2         U           Methyl methacrylate         2.19         6.6         U           cls-1,3-Dichloropropene         1.72         5.2         U  | 1,2-Dichloroethane          | 3.75     | 11.3 | U      |
| 1,2-Dichloropropane       1.52       4.6       U         Bromodichloromethane       1.74       5.2       U         Methyl methacrylate       2.19       6.6       U         cls-1,3-Dichloropropene       1.72       5.2       U  | Trichloroethene             | 1.32     | 4.0  | U      |
| Bromodichloromethane         1.74         5.2         U           Methyl methacrylate         2.19         6.6         U           cls-1,3-Dichloropropene         1.72         5.2         U   | Dibromomethane              | 2.45     | 7.4  | U      |
| Methyl methacrylate         2.19         6.6         U           cls-1,3-Dichloropropene         1.72         5.2         U   | 1,2-Dichloropropane         | 1.52     | 4.6  | Ų      |
| cls-1,3-Dichloropropene 1.72 5.2 U  | Bromodichloromethane        | 1.74     | 5.2  | U      |
|   | Methyl methacrylate         | 2.19     | 6.6  | U      |
| Toluene 1,53 4.6 U  | cls-1,3-Dichloropropene     |          | 5.2  | U      |
|   | Toluene                     | 1.53     | 4.6  | U      |

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| 2-Nitropropane                            | 2.95                  | 8.9  | u    |
|---|-----------------------|------|------|
| Tetrachloroethene<br>4-Methyl-2-pentanone | 0.76                  | 2.3  | Ü    |
| (MIBK)                                    | 3.82                  | 11,5 | Ų    |
| trans-1,3-Dichloropropene                 | 1.94                  | 5.8  | U    |
| 1,1,2-trichloroethane                     | 2.42                  | 7.3  | U    |
| Ethyl methacryllate                       | 1.51                  | 4.5  | U    |
| Dibromochloromethane                      | 2.16                  | 6.5  | Ų·   |
| 1,3-Dichloropropane                       | 2.06                  | 6.2  | U    |
| 1,2-Dibromoethane EDB)                    | 2.50                  | 7.5  | U    |
| 2-Hexanone                                | 2.23                  | 6.7  | U    |
| Chlorobenzene                             | 1.75                  | 5.3  | U    |
| Ethylbenzene                              | 1.43                  | 4.3  | 8.74 |
| 1,1,1,2-Tetrachloroethane                 | 1.84                  | 5.5  | U    |
| m&p-Xylene                                | 3.00                  | 9.0  | U    |
| o-Xylene                                  | 1.67                  | 5.0  | U    |
| Bromoform                                 | 1.59                  | 4.8  | U    |
| Styrene                                   | 1.80                  | 5.4  | 5.90 |
| Isopropylbenzene                          | 1.54                  | 4.6  | U    |
| Bromobenzene                              | 2.32                  | 7.0  | U    |
| n-Propylbenzene                           | 1.50                  | 4.5  | U    |
| 1,1,2,2-Tetrachloroethane                 | 2,93                  | 8.8  | U    |
| 2-Chlorotoluene                           | 2.15                  | 6.5  | U    |
| 1,2,3-Trichloropropane                    | 2.25                  | 6.8  | U    |
| 1,3,5-Trimethylbenzene                    | 1.91                  | 5.7  | U    |
| t-1,4-Dichloro-2-butene                   | 3.48                  | 10.4 | U    |
| 4-Chlorotoluene                           | 1.65                  | 5.0  | U    |
| t-Butylbenzene                            | 2.50                  | 7.5  | U    |
| Pentachioroethane                         | 3.95                  | 11.9 | u    |
| 1,2,4-Trimethylbenzene                    | 1.81                  | 5.4  | U    |
| sec-Butylbenzene                          | 1.75                  | 5.3  | U    |
| p-isopropyl toluene                       | 1.40                  | 4,2  | U    |
| 1,3-Dichlorobenzene                       | 1.98                  | 5.9  | U    |
| 1,4-Dichlorobenzene                       | 1.79                  | 5.4  | U    |
| n-Butylbenzene                            | 1.19                  | 3.6  | Ų    |
| Hexachloroethane                          | 2.29                  | 6.9  | U    |
| 1,2-Dichlorobenzene<br>1,2-Dibromo-3-     | 2.26                  | 6.8  | U    |
| chloropropane                             | 3.15                  | 9.5  | U    |
| Nitrobenzene                              | 20.00                 | 60.0 | U    |
| Hexachlorobutadiene                       | 1.24                  | 3.7  | U    |
| 1,2,4-Trichlorobenzene                    | 1.70                  | 5.1  | U    |
| Naphthalene                               | 2.86                  | 8.6  | U    |
| 1,2,3-Trichlorobenzene                    | 1.87                  | 5.6  | U    |
| surrogate recoveries                      | 1,2-Dichloroethane-d4 | 106  |      |
|   |                       |      |      |

Toluene-d8

4-Bromofluorobenzene

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Email Non-Responsive PII

| Sample ID                   | MW-13          |      |        |
|-----------------------------|----------------|------|--------|
| Lab ID                      | MW-13<br>DF535 |      |        |
| Collection Date             | 10/31/12       |      |        |
| Analysis Date               | 11/3/12        |      |        |
| Run No.                     | V1103009       |      |        |
| sample matrix               | V1103009       |      | 0-1-14 |
| Compound                    | MDL            | ÆL   | Calc'd |
| Compound                    | MDL            | ₹K.L | result |
| Diclorodifluoromethane      | 1.59           | 4.8  | U      |
| Chloromethane               | 1,32           | 4.0  | U      |
| Vinyl Chloride              | 1.71           | 5.1  | U      |
| Bromomethane                | 2.44           | 7.3  | U      |
| Chloroethane                | 7.47           | 22.4 | Ü      |
| Trichlorofluoromethane      | 1.63           | 4.9  | U      |
| Diethyl ether               | 2.90           | 8.7  | U      |
| 1,1-Dichloroethene          | 5.96           | 17.9 | U      |
| Carbon disulfide            | 7,55           | 22.7 | U      |
| lódomethane                 | 3.86           | 11.6 | U      |
| Allyl chloride              | 0.70           | 2.1  | U      |
| Methylene Chloride          | 15.00          | 45.0 | U      |
| Acetone                     | 3.94           | 11.8 | U      |
| trans-1,2-Dichloroethene    | 1.22           | 3.7  | U      |
| Methyl-t-butyl ether (MTBE) | 2.46           | 7.4  | Ų      |
| 1,1-Dichloroethane          | 1.50           | 4.5  | U      |
| Acrylonitrile               | 3.30           | 9.9  | U      |
| cis-1,2-Dichloroethene      | 1.73           | 5.2  | U      |
| 2,2-Dichloropropane         | 1.55           | 4,7  | U      |
| Bromochloromethane          | 2.32           | 7.0  | U      |
| Chloroform                  | 1.66           | 5.0  | U      |
| Carbon Tetrachloride        | 1.39           | 4.2  | Ü      |
| Methyl acrylate             | 3.18           | 9.5  | U      |
| 1,1,1-Trichlorgethane       | 1.44           | 4.3  | U      |
| 1,1-Dichloropropene         | 1.19           | 3.6  | U      |
| 2-Butanone                  | 15.00          | 45.0 | U      |
| 1-Chlorobutane              | 1.20           | 3.6  | U      |
| Benzene                     | 1.54           | 4.6  | U      |
| Propionitrile               | 2.38           | 7.1  | U      |
| 1,2-Dichloroethane          | 3.75           | 11.3 | U      |
| Trichloroethene             | 1.32           | 4.0  | U      |
| Dibromomethane              | 2.45           | 7.4  | U      |
| 1,2-Dichloropropane         | 1.52           | 4.6  | U      |
| Bromodichloromethane        | 1.74           | 5.2  | υ      |
| Methyl methacrylate         | 2.19           | 6.6  | U      |
| cis-1,3-Dichloropropene     | 1.72           | 5.2  | υ      |
| Toluene                     | 1.53           | 4,6  | U      |

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| 2-Nitropropane                        | 2.95                  | 8.9  | u     |
|---------------------------------------|-----------------------|------|-------|
| Tetrachloroethene                     | 0.76                  | 2.3  | u     |
| 4-Methyl-2-pentanone<br>(MIBK)        | 3.82                  | 11.5 | U     |
| trans-1,3-Dichloropropene             | 1.94                  | 5.8  | Ü     |
| 1,1,2-trichioroethane                 | 2.42                  | 7.3  | U     |
| Ethyl methacryllate                   | 1.51                  | 4.5  | U     |
| Dibromochloromethane                  | 2.16                  | 6.5  | U     |
| 1.3-Dichloropropane                   | 2.06                  | 6.2  | U     |
| 1,2-Dibromoethane EDB)                | 2.50                  | 7.5  | U     |
| 2-Hexanone                            | 2.23                  | 6.7  | u     |
| Chlorobenzene                         | 1,75                  | 5.3  | U     |
| Ethylbenzene                          | 1.43                  | 4.3  | U     |
| 1,1,1,2-Tetrachloroethane             | 1.84                  | 5.5  | U     |
| m&p-Xylene                            | 3.00                  | 9.0  | U     |
| o-Xylene                              | 1.67                  | 5.0  | U     |
| Bromoform                             | 1.59                  | 4.8  | U     |
| Styrene                               | 1.80                  | 5.4  | U     |
| Isopropylbenzene                      | 1.54                  | 4.6  | U     |
| Bromobenzene                          | 2.32                  | 7.0  | U     |
| n-Propylbenzene                       | 1.50                  | 4.5  | U     |
| 1,1,2,2-Tetrachloroethane             | 2.93                  | 8.8  | U     |
| 2-Chlorotoluene                       | 2.15                  | 6.5  | บ     |
| 1,2,3-Trichloropropane                | 2.25                  | 6.8  | U     |
| 1,3,5-Trimethylbenzene                | 1.91                  | 5.7  | IJ    |
| t-1,4-Dichloro-2-butene               | 3.48                  | 10.4 | U     |
| 4-Chiorotoluene                       | 1.65                  | 5.0  | ŧı    |
| t-Butylbenzene                        | 2.50                  | 7.5  | บ     |
| Pentachloroethane                     | 3.95                  | 11.9 | IJ    |
| 1,2,4-Trimethylbenzene                | 1.81                  | 5.4  | U     |
| sec-Butylbenzene                      | 1.75                  | 5.3  | U     |
| p-Isopropyl toluene                   | 1.40                  | 4.2  | U     |
| 1,3-Dichlorobenzene                   | 1.98                  | 5.9  | U     |
| 1,4-Dichlorobenzene                   | 1.79                  | 5.4  | U     |
| n-Butylbenzene                        | 1.19                  | 3.6  | U     |
| Hexachloroethane                      | 2.29                  | 6.9  | υ     |
| 1,2-Dichlorobenzene<br>1,2-Dibromo-3- | 2.26                  | 6.8  | U<br> |
| chloropropane                         | 3.15                  | 9.5  | U     |
| Nitrobenzene                          | 20.00                 | 60.0 | U     |
| Hexachlorobutadiene                   | 1.24                  | 3.7  | U     |
| 1,2,4-Trichlorobenzene                | 1.70                  | 5.1  | U     |
| Naphthalene                           | 2.86                  | 8.6  | U     |
| 1,2,3-Trichtorobenzene                | 1.87                  | 5.6  | U     |
| surrogate recoveries                  | 1,2-Dichloroelhane-d4 | 102  |       |

Toluene-d8

4-Bromofluorobenzene

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Email Non-Responsive PII

| Sample ID                   | B-4      |      |        |
|-----------------------------|----------|------|--------|
| Lab ID                      | DF536    |      |        |
| Collection Date             | 10/31/12 |      |        |
| Analysis Date               | 11/3/12  |      |        |
| Run No.                     | V1103010 |      |        |
| sample matrix               | w        |      | Calc'd |
| Compound                    | MDL      | RL   | result |
| •                           |          |      |        |
| Dicloredifluoromethane      | 1.59     | 4.8  | U      |
| Chloromethane               | 1.32     | 4.0  | U      |
| Vinyl Chloride              | 1.71     | 5.1  | U      |
| Bromomethane                | 2.44     | 7.3  | U      |
| Chloroethane                | 7.47     | 22.4 | U      |
| Trichlorofluoromethane      | 1.63     | 4.9  | U      |
| Diethyl ether               | 2.90     | 8.7  | U      |
| 1,1-Dichloroethene          | 5.96     | 17.9 | U      |
| Carbon disulfide            | 7.55     | 22.7 | U      |
| lodomethane                 | 3.86     | 11.6 | U      |
| Allyl chloride              | 0.70     | 2.1  | U      |
| Methylene Chloride          | 15.00    | 45.0 | Ų      |
| Acetone                     | 3.94     | 11.8 | U      |
| trans-1,2-Dichloroethene    | 1.22     | 3.7  | U      |
| Methyl-t-butyl ether (MTBE) | 2.46     | 7.4  | U      |
| 1,1-Dichloroethane          | 1.50     | 4.5  | U      |
| Acrylonitrile               | 3.30     | 9.9  | Ų      |
| cis-1,2-Dichloroethene      | 1.73     | 5.2  | U      |
| 2,2-Dichloropropane         | 1.55     | 4.7  | U      |
| Bromochloromethane          | 2.32     | 7.0  | U      |
| Chloroform                  | 1.66     | 5.0  | U      |
| Carbon Tetrachloride        | 1.39     | 4.2  | U      |
| Methyl acrylate             | 3.18     | 9.5  | U      |
| 1,1,1-Trichloroethane       | 1.44     | 4.3  | U      |
| 1,1-Dichloropropene         | 1.19     | 3.6  | U      |
| 2-Butanone                  | 15.00    | 45.0 | U      |
| 1-Chlorobutane              | 1.20     | 3.6  | U      |
| Benzene                     | 1.54     | 4.6  | U      |
| Propionitrile               | 2.38     | 7.1  | บ      |
| 1,2-Dichforoethane          | 3.75     | 11.3 | U      |
| Trichloroethene             | 1.32     | 4.0  | Ų      |
| Dibromomethane              | 2.45     | 7.4  | U      |
| 1,2-Dichloropropane         | 1.52     | 4.6  | U      |
| Bromodichloromethane        | 1.74     | 5.2  | U      |
| Methyl methacrylate         | 2.19     | 6.6  | U      |
| cls-1,3-Dichloropropene     | 1.72     | 5.2  | U      |
| Toluene                     | 1.53     | 4.6  | U      |

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|                                | 1,2-Dichloroethane-d4   | 98   |  |
|--------------------------------|---|--|--|
| 1,2,3-Trichlorobenzene         | 1.87  | 5.6  | U  |
| Naphthalene                    | 2.86  | 8.6  | U  |
| 1,2,4-Trichlorobenzene         | 1.70  | 5.1  | ប  |
| Hexachlorobutadiene            | 1.24  | 3.7  | U  |
| Nitrobenzene                   | 20.00   | 60.0   | U  |
| chloropropane                  | 3,15  | 9.5  | U  |
| 1,2-Dichlorobenzene            | 2.26  | 6.8  | U  |
| Hexachloroethane               | 2.29  | 6.9  | IJ   |
| n-Butylbenzene                 | 1.19  | 3.6  | U  |
| 1,4-Dichlorobenzene            | 1.79  | 5.4  | U  |
| 1,3-Dichlorobenzene            | 1.98  | 5.9  | U  |
| p-Isopropyl toluene            | 1.40  | 4.2  | U  |
| sec-Butylbenzene               | 1,75  | 5.3  | U  |
| 1,2,4-Trimethylbenzene         | 1.81  | 5.4  | U  |
| Pentachloroethane              | 3.95  | 11.9   | U  |
| t-Butylbenzene                 | 2.50  | 7.5  | U  |
| 4-Chlorotoluene                | 1.65  | 5.0  | U  |
| t-1,4-Dichloro-2-butene        | 3.48  | 10.4   | U  |
| 1,3,5-Trimethylbenzene         | 1.91  | 5.7  | U  |
| 1,2,3-Trichloropropane         | 2,25  | 6.8  | U  |
| 2-Chlorotoluene                | 2.15  | 6.5  | U  |
| 1,1,2,2-Tetrachloroethane      | 2.93  | 8.8  | U  |
| n-Propyibenzene                | 1.50  | 4.5  | Ų  |
| Bromobenzene                   | 2,32  | 7.0  | U  |
| lsopropylbenzene               | 1.54  | 4.6  | 1.57 J   |
| Styrene                        | 1.80  | 5.4  | 230  |
| Bromoform                      | 1.59  | 4.8  | U  |
| o-Xylene                       | 1.67  | 5.0  | 7.79   |
| m&p-Xylene                     | 3,00  | 9.0  | 9.06   |
| 1,1,1,2-Tetrachloroethane      | 1.84  | 5.5  | U  |
| Ethylbenzene                   | 1,43  | 4.3  | 453 E  |
| Chlorobenzene                  | 1.75  | 5.3  | U  |
| 2-Hexanone                     | 2.23  | 6.7  | U  |
| 1,2-Dibromoethane EDB)         | 2.50  | 7.5  | υ  |
| 1.3-Dichioropropane            | 2.06  | 6.2  | U  |
| Dibromochioromethane           | 2.16  | 6.5  | U  |
| Ethyl methacryllate            | 1.51  | 4.5  | U  |
| 1,1,2-trichloroethane          | 2.42  | 7.3  | Ų  |
| trans-1,3-Dichloropropene      | 1.94  | 5.8  | Ų  |
| 4-Methyl-2-pentanone<br>(MIBK) | 3.82  | 11.5   | U  |
|                                |   |  | Ü  |
| 2-Mitroproposo                 | 2.05  | 0 N  |  |
|                                | (MIBK) trans-1,3-Dichloropropene 1,1,2-trichloroethane Ethyl methacryllate Dibromochloromethane 1,3-Dichloropropane 1,2-Dibromoethane EDB) 2-Hexanone Chlorobenzene Ethylbenzene 1,1,1,2-Tetrachloroethane m&p-Xylene e-Xylene Bromoform Styrene tsopropylbenzene Bromobenzene n-Propylbenzene 1,1,2,2-Tetrachloroethane 2-Chlorotoluene 1,2,3-Trichloropropane 1,3,5-Trimethylbenzene t-1,4-Dichloro-2-butene 4-Chlorotoluene 1,2,4-Trimethylbenzene pentachloroethane 1,2,4-Trimethylbenzene sec-Butylbenzene p-Isopropyl toluene 1,3-Dichlorobenzene n-Butylbenzene Hexachloroethane 1,2-Dichlorobenzene h-Butylbenzene Hexachloroethane | Tetrachloroethene         0.76           4-Methyl-2-pentanone         (MiBK)           3.82         trans-1,3-Dichloropropene           1,1,2-trichioroethane         2.42           Ethyl methacryllate         1.51           Dibromochloromethane         2.16           1.3-Dichloropropane         2.06           1,2-Dibromoethane EDB)         2.50           2-Hexanone         2.23           Chlorobenzene         1.75           Ethylbenzene         1.43           1,1,1,2-Tetrachloroethane         1.84           m&p-Xylene         3.00           o-Xylene         1.67           Bromoform         1.59           Styrene         1.80           tsopropylbenzene         1.54           Bromobenzene         1.54           n-Propylbenzene         1.50           1,1,2,2-Tetrachloroethane         2.93           2-Chlorotoluene         2.15           1,2,3-Trichloropropane         1.25           1,2,3-Trimethylbenzene         1.91           1-1,4-Dichloro-2-butene         1.85           1-Butylbenzene         1.81           9-entachloroethane         1.95           1,2-A-Trimethylbenzene         1.75 <td>Tetrachtoroethene 4-Methyt-2-pentanone (MiBK) 3.82 11.5 14.5 11.2-trichloroethane 2.42 7.3 Ethyt methacryllate 1.51 1.3-Dichloropropane 2.06 1.3-Dichloropropane 2.06 1.2-Dibromoethane EDB) 2.50 2-Hexanone 2.23 6.7 Chlorobenzene 1.75 5.3 Ethylbenzene 1.43 1.1,1,2-Tetrachloroethane 1.84 5.5 m&amp;p-Xylene 3.00 9.0 0-Xylene 1.67 Etromoform 1.59 4.8 Styrene 1.80 5.4 tsopropylbenzene 1.54 4.6 Bromobenzene 2.32 7.0 n-Propylbenzene 1.50 4.5 1,1,2,2-Tetrachloroethane 2.93 8.8 2-Chlorotoluene 2.15 6.5 1,2,3-Trichloropropane 1.67 1.67 Ebythenzene 1.75 1.3-Trimethylbenzene 1.80 1.4-Dichloro-2-butene 1.81 4-Chlorotoluene 1.85 5.0 2-Butylbenzene 1.75 5.3 Pentachloroethane 1.81 5.4 4-Chlorotoluene 1.85 5.0 1.2,4-Trimethylbenzene 1.75 5.3 Pentachloroethane 1.81 5.4 4-Chloropopyl toluene 1.85 5.0 1.2,4-Trimethylbenzene 1.75 5.3 Pelsopropyl toluene 1.40 4.2 1,3-Dichlorobenzene 1.79 5.4 n-Butylbenzene 1</td> | Tetrachtoroethene 4-Methyt-2-pentanone (MiBK) 3.82 11.5 14.5 11.2-trichloroethane 2.42 7.3 Ethyt methacryllate 1.51 1.3-Dichloropropane 2.06 1.3-Dichloropropane 2.06 1.2-Dibromoethane EDB) 2.50 2-Hexanone 2.23 6.7 Chlorobenzene 1.75 5.3 Ethylbenzene 1.43 1.1,1,2-Tetrachloroethane 1.84 5.5 m&p-Xylene 3.00 9.0 0-Xylene 1.67 Etromoform 1.59 4.8 Styrene 1.80 5.4 tsopropylbenzene 1.54 4.6 Bromobenzene 2.32 7.0 n-Propylbenzene 1.50 4.5 1,1,2,2-Tetrachloroethane 2.93 8.8 2-Chlorotoluene 2.15 6.5 1,2,3-Trichloropropane 1.67 1.67 Ebythenzene 1.75 1.3-Trimethylbenzene 1.80 1.4-Dichloro-2-butene 1.81 4-Chlorotoluene 1.85 5.0 2-Butylbenzene 1.75 5.3 Pentachloroethane 1.81 5.4 4-Chlorotoluene 1.85 5.0 1.2,4-Trimethylbenzene 1.75 5.3 Pentachloroethane 1.81 5.4 4-Chloropopyl toluene 1.85 5.0 1.2,4-Trimethylbenzene 1.75 5.3 Pelsopropyl toluene 1.40 4.2 1,3-Dichlorobenzene 1.79 5.4 n-Butylbenzene 1 |

Toluene-d8

4-Bromofluorobenzene

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7277 Township Rd. 95 Findlay, Ohio 45840

Email Non-Responsive PII

#### INSTRUMENT / METHOD BLANKS

| Sample ID<br>Analysis Date  | Blank 1<br>11/3/12 |      |        |
|-----------------------------|--------------------|------|--------|
| Run No.                     | V1103003           |      |        |
| sample matrix               | w                  |      | Calc'd |
| Compound                    | MDL                | RL   | result |
|                             |                    | 132  | reson  |
| Didorodifluoromethane       | 1.59               | 4.8  | U      |
| Chloromethane               | 1.32               | 4.0  | υ      |
| Vinyl Chloride              | 1.71               | 5,1  | U      |
| Bromomethane                | 2.44               | 7.3  | U      |
| Chloroethane                | 7.47               | 22.4 | U      |
| Trichiorofluoromethane      | 1.63               | 4.9  | U      |
| Diethyl ether               | 2.90               | 8.7  | U      |
| 1,1-Dichloroethene          | 5.96               | 17.9 | IJ     |
| Carbon disulfide            | 7.55               | 22.7 | U      |
| lodomethane                 | 3.86               | 11.6 | U      |
| Allyl chloride              | 0.70               | 2.1  | U      |
| Methylene Chloride          | 15.00              | 45.0 | U      |
| Acetone                     | 3.94               | 11.8 | ប      |
| trans-1,2-Dichloroethene    | 1.22               | 3.7  | υ      |
| Methyl-t-butyl ether (MTBE) | 2.46               | 7.4  | υ      |
| 1,1-Dichloroethane          | 1.50               | 4.5  | U      |
| Acrylonitrile               | 3.30               | 9.9  | U      |
| cis-1,2-Dichloroethene      | 1.73               | 5.2  | υ      |
| 2,2-Dichloropropane         | 1.55               | 4.7  | U      |
| Bromochloromethane          | 2.32               | 7.0  | U      |
| Chloroform                  | 1.66               | 5.0  | U      |
| Carbon Tetrachloride        | 1.39               | 4.2  | U      |
| Methyl acrylate             | 3.18               | 9.5  | U      |
| 1,1,1-Trichloroethane       | 1.44               | 4.3  | U      |
| 1,1-Dichloropropene         | 1.19               | 3.6  | U      |
| 2-Butanone                  | 15.00              | 45.0 | U      |
| 1-Chlorobutane              | 1.20               | 3.6  | U      |
| Benzene                     | 1.54               | 4.6  | U      |
| Propionitrile               | 2.38               | 7.1  | U      |
| 1,2-Dichloroethane          | 3.75               | 11.3 | U      |
| Trichforoethene             | 1.32               | 4.0  | U      |
| Dibromomethane              | 2.45               | 7.4  | U      |
| 1,2-Dichloropropane         | 1.52               | 4.6  | U      |
| Bromodichloromethane        | 1.74               | 5.2  | U      |
| Methyl methacrylate         | 2.19               | 6.6  | Ų      |
| cis-1,3-Dichloropropene     | 1.72               | 5.2  | U      |
| Toluene                     | 1.53               | 4.6  | U      |
| 2-Nitropropane              | 2.95               | 8.9  | Ų      |
|                             |                    |      |        |

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| Tetrachloroethene 4-Methyl-2-pentanone | 0.76                  | 2.3              | U |
|--|-----------------------|------------------|---|
| (MIBK)                                 | 3.82                  | 11.5             | Ų |
| trans-1,3-Dichloropropene              | 1.94                  | 5.8              | Ü |
| 1,1,2-trichloroethane                  | 2.42                  | 7.3              | U |
| Ethyl methacryllate                    | 1.51                  | 4.5              | U |
| Dibromochioromethane                   | 2.16                  | 6.5              | U |
| 1.3-Dichloropropane                    | 2.06                  | 6.2              | Ų |
| 1,2-Dibromoethane EDB)                 | 2.50                  | 7.5              | U |
| 2-Hexanone                             | 2.23                  | 6.7              | U |
| Chlorobenzene                          | 1.75                  | 5.3              | U |
| Ethylbenzene                           | 1.43                  | 4.3              | U |
| 1,1,1,2-Tetrachloroethane              | 1.84                  | 5.5              | Ų |
| m&p-Xylene                             | 3.00                  | 9.0              | U |
| o-Xylene                               | 1.67                  | 5.0              | U |
| Bromoform                              | 1.59                  | 4.8              | Ų |
| Styrene                                | 1.80                  | 5.4              | U |
| Isopropyibenzene                       | 1.54                  | 4.6              | U |
| Bromobenzene                           | 2.32                  | 7.0              | U |
| n-Propylbenzene                        | 1.50                  | 4.5              | U |
| 1,1,2,2-Tetrachloroethane              | 2.93                  | 8.8              | U |
| 2-Chlorotoluene                        | 2.15                  | 6.5              | Ų |
| 1,2,3-Trichloropropane                 | 2.25                  | 8.8              | Ų |
| 1,3,5-Trimethylbenzene                 | 1,91                  | 5.7              | U |
| t-1,4-Dichloro-2-butene                | 3.48                  | 10.4             | Ų |
| 4-Chiorotoiuene                        | 1.65                  | 5.0              | Ų |
| t-Butylbenzene                         | 2.50                  | 7.5              | U |
| Pentachloroethane                      | 3.95                  | 11. <del>9</del> | U |
| 1,2,4-Trimethylbenzene                 | 1.81                  | 5.4              | U |
| sec-Butylbenzene                       | 1.75                  | 5.3              | U |
| p-Isopropy! toluene                    | 1.40                  | 4.2              | U |
| 1,3-Dichlorobenzene                    | 1.98                  | 5.9              | U |
| 1,4-Dichlorobenzene                    | 1.79                  | 5.4              | U |
| n-Butylbenzene                         | 1.19                  | 3,6              | U |
| Hexachloroethane                       | 2.29                  | 6.9              | U |
| 1,2-Dichlorobenzene                    | 2.26                  | 6.8              | U |
| 1,2-Dibromo-3-<br>chloropropane        | 3.15                  | 9.5              | U |
| Nitrobenzene                           | 20.00                 | 60.0             | Ü |
| Hexachlorobutadiene                    | 1,24                  | 3.7              | U |
| 1,2,4-Trichlorobenzene                 | 1.70                  | 5.1              | υ |
| Naphthalene                            | 2.86                  | 8.6              | Ú |
| 1,2,3-Trichlorobenzene                 | 1.87                  | 5.6              | Ü |
| GRO                                    | 42.6                  | 127.7            | Ü |
| -,                                     | 7-Av-1-M              | ,.,              | , |
| surrogate recoveries                   | 1,2-Dichloroethane-d4 | 104              |   |
|  | Toluene-d8            | 100              |   |
|  | 4-                    |                  |   |

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Bromofiuorobenzene

7277 Township Rd. 95 Findlay, Ohio 45840

#### LCS/Spike RESULTS

|       | Sample ID              | LCS 1                 |            |
|-------|------------------------|-----------------------|------------|
|       | Run No.<br>Compound    | V1103004              |            |
| Spike | •                      | LCS Sample            | LCS Spike  |
| Level |                        | Result                | % Recovery |
| ng/ml |                        |                       |            |
| 50    | Vinyl chloride         | 37                    | 74         |
| 50    | 1,1-Dichloroethene     | 48                    | 96         |
| 50    | 1,1-Dichloroethane     | 44                    | 88         |
| 50    | cis-1,2-Dichloroethene | 43                    | 86         |
| 50    | Chloroform             | 47                    | 94         |
| 50    | 1,1,1-Trichloroethane  | 49                    | 98         |
| 50    | Benzene                | 40                    | 80         |
| 50    | Trichloroethene        | 40                    | 80         |
| 50    | Toluene                | 38                    | 76         |
| 50    | Tetrachloroethene      | 33                    | 66         |
| 50    | Chlorobenzene          | 39                    | 78         |
| 50    | Ethyl benzene          | 40                    | 80         |
| 100   | m&p-Xylene             | 84                    | 84         |
| 50    | o-Xylene               | 39                    | 78         |
| 50    | 1,2,3-Trichloropropane | 37                    | 74         |
| 50    | 2-Chlorotoluene        | 36                    | 72         |
| 50    | 1,2,4-Trimethylbenzene | 40                    | 80         |
| 50    | 1,3-Dichlorobenzene    | 38                    | 76         |
| 50    | 1,2,4-Trichlorobenzene | 37                    | 74         |
| 50    | Naphthalene            | 38                    | 76         |
|       | surrogate recoveries   | 1,2-Dichloroethane-d4 | 115        |
|       |                        | Toluene-d8            | 99         |
|       |                        | 4-Bromofluorobenzene  | 97         |

7277 Township Rd. 95 Findlay, Ohio 45840

Email Non-Responsive PII

#### MS/MSD and SAMPLE DUPLICATE RESULTS (results are from the Instrument and not corrected for dilution)

|       | Sample ID<br>Lab ID<br>Run No. | MW-4<br>DF533<br>V1103005 | V1103006  |            | V1103007   |            |     |
|-------|--------------------------------|---------------------------|-----------|------------|------------|------------|-----|
| Spike | Compound                       | Sample                    | MS Sample | MS Spike   | MSD Sample | MSD Spike  | RPD |
| Level |                                | Results                   | Result    | % Recovery | Result     | % Recovery |     |
| ng/ml |                                |                           |           |            |            |            |     |
| 50    | 1,1-Dichlorgethene             | 0.0                       | 48        | 96         | 47         | 94         | 2.1 |
| 50    | 1,1-Dichloroethane             | 0.0                       | 41        | .82        | 39         | 78         | 5.0 |
| 51    | Methyl-t-butyl ether (MTBE)    | 0.0                       | 41        | 80         | 41         | 80         | 0.0 |
| 50    | cis-1,2-Dichloroethene         | 0.0                       | 40        | 80         | 40         | 80         | 0.0 |
| 50    | 1,1,1-Trichloroethane          | 0.0                       | 43        | 86         | 41         | 82         | 4.8 |
| 50    | Benzene                        | 0.0                       | 39        | 78         | 38         | 76         | 2.6 |
| 50    | Trichloroethene                | 0.0                       | 39        | 78         | 37         | 74         | 5.3 |
| 50    | Toluene                        | 0.0                       | 39        | 78         | 38         | 76         | 2.6 |
| 50    | Tetrachloroethene              | 0.0                       | 38        | 76         | 38         | 76         | 0.0 |
| 50    | Chlorobenzene                  | 0.0                       | 39        | 78         | 37         | 74         | 5.3 |
| 50    | Ethyl benzene                  | 0.2                       | 40        | 80         | 38         | 76         | 5.1 |
| 100   | m&p-Xylene                     | 0.4                       | 86        | 86         | 82         | 82         | 4.8 |
| 50    | o-Xylene                       | 0.0                       | 40        | 80         | 38         | 76         | 5.1 |
| 50    | 1,3-Dichlorobenzene            | 0.0                       | 39        | 78         | 37         | 74         | 5.3 |

#### APPENDIX E CHAIN OF CUSTODY FORMS

S and S Onsite Analytical, Ltd. 7277 Township Rd. 95 Findlay, OH 45840 Phone 419-422-9796 Chain of Custody Record

Page of

| Shipment Seal No.             |              |                     | Lab ID No.<br>Filled in by lab | WF 533    | 534      | 535      | 150 15K   |          |     |     |          |           |     |   | Date/Time 2. Received by: (Sig.)               |                                    |                     | * |
|-------------------------------|--------------|---------------------|--------------------------------|-----------|----------|----------|-----------|----------|-----|-----|----------|-----------|-----|---|--|------------------------------------|---------------------|---|
| Analysis and Method Requested |              | 703 C               | Vog                            |           |          |          |           |          |     |     | 高江 2     |           |     |   | 2. Relinquished by: (Signature) Date/Time 2. F | ime Client ID Number:              | Phone No.:          |   |
| Site                          |              |                     | Type Preserve                  | 4000 14c1 | Houl 121 | DOND HE! | 50 FC     | <u> </u> |     |     | 1800     | 7 5 5 5 5 |     | tc.)                                      | ,  | r. (Sig.) g. Date/Time             | w.e                 |   |
| Location of Sampling Site     | 120,0H       | Purchase Order NO   | Matrix No. of Cont.            | WATER 2 4 | 12 2 2 1 | 2        | WATER 2 6 |          |     |     |          |           |     | imit, Rush results Requested, etc.)       | 1. Received by (Signature)                     | Received for Laboratory by: (Sig.) | Report Results to:  |   |
|                               | <del> </del> |                     | Grab                           | /         | 7        | 1        | 7         |          |     |     |          |           |     | nit, Rush i                               | me 1. Rec                                      |                                    | Repor               |   |
|                               | Q,           |                     | Time                           | Othi      | 1470     | 35       | Oph/      |          |     |     |          |           |     |   | Date/Tim                                       | Date/Time                          | SN.                 |   |
| Vame:                         | 22150        | that                | Date                           | 12/15/21  | ,        |          | 3         |          |     |     |          |           |     | uctions (De                               | gnature)                                       | ignature)                          | b? Yes              |   |
| Project No. Project Name:     | 0            | Sampler (Signature) | No. Sample Field I.D. No.      | 1 10/434  |          |          |           |          | 0 6 | 0 1 | <u> </u> | 8         | o ( | Remarks/Special Instructions (Detection L | 1. Relinquished by: (Signature)                | 3. Relinquished by: (Signature)    | Seal intact at lab? |   |

S and S Onsite Analytical, Ltd. 7277 Township Rd. 95 Findlay, OH 45840 Phone 419-422-9796

Chain of Custody Record

Page \_\_ of \_\_.

| Chain of custody recent                                   |  |  |                                  |
|---|--|--|----------------------------------|
| Nome.   | Location of Sampling Site                  | Analysis and Method Requested                | Shipment Seal No.                |
| Project No. Project Name.                                 |  | 57)  |                                  |
| Sampler (Signature)                                       | Purchase Order NO.                         |  |                                  |
| No Cell Sample Field I.D.   Date   Time   B   B           | Matrix No. of Type Preserve                | Jen  | Filled in by lab                 |
| 00  | 3 -  | 30/2/98                                      | NF 453                           |
| 4 1/19 UYAO X   |  |  | 454                              |
| 1040  |  |  | 456                              |
| 9/20 1620   |  |  | 457                              |
|   | 4  | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \        | 4.58                             |
| 6B-41216 V 1160   |  |  |                                  |
|   |  |  |                                  |
| 8   |  |  |                                  |
|   | init Dush results Requested, etc.)         |  |                                  |
| narks/Special Instructions (Detection of                  |  |  |                                  |
| 1. Relinquished by: (Signature) Date/Time 1. Received by: | (Signature)                                | 2. Relinquished by. (Signature) Date/Time 2. | Date/Time 2. Received by: (Sig.) |
| 924-12<br>Date/Time                                       | Received for Laboratory by: (Sig.) Date    | Date/Time Client ID Number.                  |                                  |
| No  | Report Results to: 10 fg (CK: 1000 COV LON | 12 om Phone No. 5/3-874-66 50                | d 50                             |
|   |  |  |                                  |

#### APPENDIX F DISPOSAL DOCUMENTATION

#### NO UST EXCAVATION WAS CONDUCTED CLOSURE IN-PLACE

**NO DISPOSAL ACTIVITIES** 

APPENDIX G
MISCELLANEOUS DATA

269490





TERMS AND CONDITIONS ADDITIONAL CHARGES: An additional unloading charge (\$50 per hour) may be added it the Purchaser texco-minutes per year unloading time. Additional charges may also apply to small goods and overtime (after \$500 p.m. were and Saturday deliveries: COLLECTION in the event legal action is commenced to tollect page of Purchaser agrees to pay a attender sees and court costs and interest shall account at the rate of TWP per inputs on all past due beliance WARRANTY DISCLAMER: All warrantee wither express or singled are voted investigated in a state of the increase the attempt over the maximum limit indicated below or at the concrete has been on that the JO JOB WATER ADDED AT **CUSTOMER'S RISK** WARRANTY DISCLAMER: All warrantes either express or implied are votal flaggier is edded to the concrete to increase the alumn over the maximum limit indicated below or if the concrete has been on the truck for more than 80 minutes. Our concrete strength guarantee per ASTM C-94 and he effective intess field sampling and handard has been done per ASTM C-172 and ASTM C-31 and the test lab complex with ASTM C-30 and ASTM 220. WATER ADDED (GAL) ÓΝ JOB GALS FULL LOAD POUR GALS 1/3 LOAD WASH TEST RESULTS AIR % PLANT SLUMP CAUTION: CONCRETE BURNS - READ WARNING ON REVERSE SIDE YARD CONC. TEMP CLISTOMERI NAME CUST # 12/18/12 DELTECH POLYMERS CORP 00038291 15392 TICKET DECLYERY MODRESS: 502525 1250 S. UNION ST TROY INSTRUCTIONS JOB @ DELTECH AROSS THE TRACKS AND SOUNTY WAS VIEWE PREVTRK 596 PITE TRK DRIVER HAME BINGAMON, 51 617 10:48 BACK FILL 24867 CUMULATIVE QUANTITY UNIT OF MEASURE LOAD ORDERED QUANTITY PRODUCT DESCRIPTION AMOUNT QUANTITY 10.00 yd 100.00 100.01 LOW STRENGTH MORTAR ODOT 🛶 FUEL SURCHARGE 1.00 LD 10.00 1.00 10.00 CY WINTER CHARGE 100.00 1.00 当美国 拉口机 电影线 SUBTOTAL WARNING: WET UNHARDENED CONCRETE MAY BE HARMFUL DUE TO CHEMICAL CONTENT TAX SEE MSDS DISCLOSURE ON REVERSE SIDE. TOTAL

TO JOB

JOB

POUR

WASH

PLANT

IN YARD

WARNING:

TEST RESULTS AIR %

SLUMP

CONC.TEMP

WATER ADDED AT CUSTOMER'S RISK

WATER ADDED (GAL.) GALS FULL LOAD

GALS 2/3 LOAD

GALS 1/3 LOAD

269489



ADDITIONAL CHARGES: An additional unloading charge (\$60 per hour) may be added if the Purchaser axceeds sharitutes per yard reloading time. Additional charges may also apply to small loads and overtime (after 5:00 p.m. weekdays) and Saturday deliveries.

COLLECTION in the event legal action is commerced to collect payment, Purchaser agrees to pay all reasonable stierneys less and court costs and interest shall accrue all the rate of 1965 per morthion all past due belances.

WARRANTY DISCLAIMER. All warranties gitter express or implied are wold if water is edded to the concrete to increase the stiernip over the maximum limit indicated below or if the concrete has been on the buck for more than 90 minutes. Our concrete strength management per ASTM C-34 will not be effective unless field sampling and handing has been done per ASTM C-172 and ASTM C-31 and the test tab complies with ASTM C-39 and ASTM-329.

#### CAUTION: CONCRETE BURNS - READ WARNING ON REVERSE SIDE

| oxie<br>12/18,                             |   | COSTOMERNAME<br>DELTECH   | I POLYME!                                 | RE CORP   | cust • • • • • • • • • • • • • • • • • • •   | 15392                              |  |
|--|---|---|---|---|--|------------------------------------|--|
| пскет <b>•</b><br>502524                   | 4                                       | DEGLICATION S. 1250 S.  | UNION S                                   | <b>5</b> /  | STATE CHTY   | TROY                               | DEVIE DE   |
| varauction<br>IDB (B                       | 70 a                                    | CH AROSE  | S THE TRI                                 | ÁEKE <b>/</b>                                       | oranie trajecty (1915) programa programa postanie sie programa programa programa programa programa programa pr<br>Programa programa pr   | SPEC                               | CIAL INST./DRIVER COMMENTS   |
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| i 59                                       |   | PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF T | ORDERED QUANTITY                          | 8.00 10:35 P  | YORK TYPE<br>ACK FILL<br>UCT DESCRIPTION   | DED 8<br>EA 8 6 7<br>UNIT<br>PRICE | 568<br>AMOUNT  |
| DA 59 LOAD QUANTITY  0.00                  | UNIT OF<br>MEASURE                      | DRAN, RYA<br>CUMULATIVE<br>QUANTITY<br>SIN, RIN   | ORDERED<br>QUANTITY                       | B.00 0:36 B<br>PROD<br>LOW STRENGTH                 | ACK FILL<br>UCT DESCRIPTION<br>MGRTAR GDOT   | E4867                              | as discussion of the second of |
| 51 5                                       | UNIT OF<br>MEASURE                      | ORAN, RYA<br>CUMULATIVE<br>QUANTITY   | ORDERED<br>QUANTITY                       | 8.00 0:36 B   | ACK FILL<br>UCT DESCRIPTION<br>MERTAR ODOT   | E4867                              | as discussion of the second of |
| DA D<br>LOAD<br>QUANTITY<br>Q. QQ<br>Y. QQ | OG MC<br>UNIT OF<br>MEASURE<br>YC<br>LD | DRAN, RYG<br>CUMULATIVE<br>QUANTITY<br>90.00<br>9.00  | ORDERED<br>QUANTITY<br>I ØØ. ØI<br>I. ØØ. | B.00 0:36 B<br>PROD<br>LOW STRENGTH<br>FUEL SUBJARG | ACK FILL<br>UCT DESCRIPTION<br>MERTAR ODOT   | E4867                              |  |

WET UNHARDENED CONCRETE MAY BE HARMFUL DUE TO CHEMICAL CONTENT

SEE MSDS DISCLOSURE ON REVERSE SIDE.

SUBTOTAL

TOTAL

TAX



10 108

ON

JÓB

POUR

WASH

TO PLANT

in ®

YARD

WATER ADDED AT CUSTOMER'S RISK

WATER ADDED (GAL)

TEST RESULTS

SLUMP

CONC. TEMP

GALS FULL LOAD

GALS 2/3 LOAD

GALS 1/3 LOAD

#### 269488



TERMS AND CONDITION

ADDITIONAL CHARGES. An additional unideding charge (\$60 per 100) may be added if the Purchaser accepts all minutes per year unleading time. Additional charges may also apply to grain loads and overtime (after \$500 pm weekbays and Saunday deferrers.

COLLECTION in the event legal action is commenced to collect bayment. Purchaser agrees to pay all reasonable attorneys less and court costs and interest shall accrue at the rate of this per moral on all past titre balances.

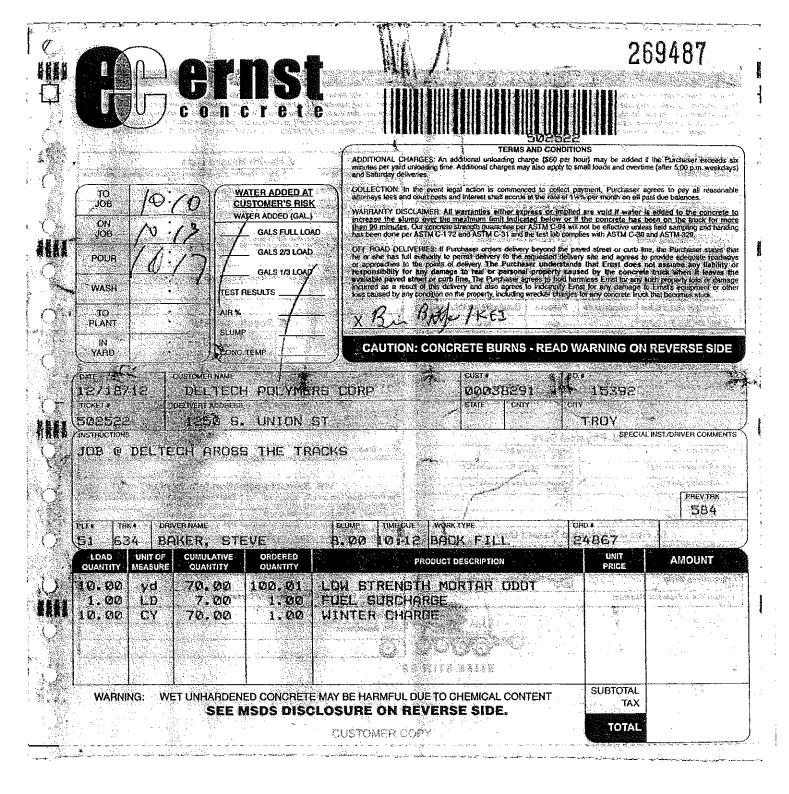
WARRANTY DISCLAIMER. All warranties either express or profess are void it water and not the concrete it increase the stump over the maximum than units and beign or if the concrete street on the truck for months of minutes. Our concrete strength maximite per ASTM 5-94 without be electric upless field semining and handon has been done per ASTM C-172 and ASTM C-31 and in elegible compiles with ASTM C-59 and ASTM 329.

OFF ROAD DB NYERES, it Purchases extens delivery befored the paved street or carb, live. the Purchaser states the five or she has tud, authority to permit delivery to the production of the pro

x B. Bit / VE

#### CAUTION: CONCRETE BURNS - READ WARNING ON REVERSE SIDE

| 12/18/            | 1150 Section 5        | EARTH SELECTION OF THE SECOND SECOND | I POLYME            | RS CORP 🥕 🗀   | 00038291   | 15392   |   |
|-------------------|-----------------------|--------------------------------------|---------------------|---|--|---|---|
| 102253            | 0.00                  | 1250 S.                              | UNION               | Hermony   | SIATE CNTY   | TRDY  |   |
| INSTRUCTIONS      | 计光压 电温压线 茚            | CH PROSS                             | THE TR              | orks  |  | SPECIA  | L INSTADRIVER COMMENTS                    |
|                   |                       |                                      |                     |   |  |   |   |
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| Salar Salar Maria |                       | entropies.                           |                     |   | g franklike skale i stjór flytte kladerik keile i sterik kladerik.<br>Laksterik i kladerik kladerik skalerik skalerik i storik skalerik skalerik skalerik skalerik skalerik skalerik   |   | 634                                       |
| 61 5€             | S. S. S. San P. Carde | VERNAVE<br>NKINS. I                  | )ALE                | STORY SOURCE STORY  | OFICE FACE   | онь:<br>124867  |   |
| LOAD<br>QUANTITY  | UNIT OF<br>MEASURE    | CUMULATIVE<br>QUANTITY               | ORDERED<br>QUANTITY | PRODU   | UCT DESCRIPTION  | UNIT<br>PRICE   | AMOUNT                                    |
| 10.00             | Vď                    | P0.00                                | 100.01              | LOW STRENGTH  | participation of the second of |   |   |
| 1.00              | CZ<br>TD              | -8.00<br>80.00                       | 1.00                | WINTER CHARGE   | HER PROPERTY AND ADDRESS OF THE PARTY OF THE | galan kilipatera menda talahan bermelanan menjebuhan kaba | and a second representation of the second |
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| Andrew and        |                       | *                                    |                     |   |  |   |   |
|                   |                       |                                      |                     |   | O OVERNOAL CONTENT   | SUBTOTAL  |   |
| WARNI             | NG: W                 |                                      |                     | MAY BE HARMFUL DUE T<br>LOSURE ON REVE  |  | TAX   |   |
|                   |                       |                                      | Market Commence     | CUSTOMER GOFY   | 왕이라면 된 경기로 되는 그리<br>[18]   | TOTAL   |   |



TOTAL





ADDITIONAL CHARGES: An additional unloading charge (\$60 per hour) may be added if the Furchaser exceeds six minutes per year unknowing time. Additional charges may also apply to small loads and overtime (after 5.00 p.m. weekdays) and Saturday delivenes. 410 WATER ADDED AT WARHANTY DISCLAIMER: All warrantes either express or implied are vold if water is added to the concrete to increase the slump over the maximum limit indicated below or if the concrete has been on the truck for more than 90 minutes. Our concrete strength purantee per ASTM C-94 will not be effective unless field sampling and handing has been done set ASTM C-1 72 and ASTM C-31 and the test lab complies with ASTM C-9 and ASTM C-31 and the test lab complies with ASTM C-9 to the lab complies with ASTM C-9 to the lab complies with ASTM C-9 to the lab complies with ASTM C-9 to the lab complies with ASTM C-9 to the lab complies with ASTM C-9 to the lab complies with ASTM C-9 to the lab complies with ASTM C-9 to the Purchaser states that CUSTOMER'S RISK JOB WATER ADDED (GAL.) GALS FUL! LOAD OFF ROAD DELIVERIES. If Purchaser orders delivery beyond the payed street or curb fine, the Purchaser states that he or site has full authority to permit delivery to the requiested delivery sits and agrees to provide adequate reachings or appropriate sits the provide adequate reachings or appropriate sits the provide adequate reachings or appropriate sits the provide adequate reachings or appropriate sits of any demende to real or personal property caused by the concrete struck when it feeres the available prived street or curb line. The Purchaser agrees to both harmers timed to any higherty loss or damage incurred as a result of this delivery and also agrees to indemnity Ernst for any demands to Ernst's equipoment or other isos caused by any condens on the property procedure versions caused by any condens on the property procedure versions caused by any condens on the property procedure versions caused by any condens on the property procedure versions caused by any condens on the property procedure versions caused by any condens on the property procedure. JOB GALS 2/3 LOAD I/A LOAD GAL WASH TEST RESULTS AIR % TO PLANT SLUMP CAUTION: CONCRETE BURNS - READ WARNING ON REVERSE SIDE CONG. TEMP YARD CUSTOMER NAME DATE 15392 00038291 DELITECH POLYMERS CORP 12/18/12 CITY DELIVERY ADDRESS ŤΙCKET≢ TROY 1250 S. UNION ST 502521 JOB @ DELTECH AROSS THE TRACKS PREV TRK 596 SLIMP PMEQUE WORKTREE
B. 20 DIDO BACK FILL PLT & TRK # DRIVER NAME 24867 8,00 LORER, BRUCE 584 **AMOUNT** CUMULATIVE PRODUCT DESCRIPTION UNIT OF MEASURE QUANTITY OUANTITY **QUANTITY** LOW STRENGTH MORTAR DOCT 100.01 10.00 60.00 yο FUEL SURCHARGE 6.00 1.00 1.00 LD WINTER-EMARGE 1.00 OY 60.00 10.00 Harrick Colors SUBTOTAL WARNING: WET UNHARDENED CONCRETE MAY BE HARMEUL DUE TO CHEMICAL CONTENT TAX

SEE MSDS DISCLOSURE ON REVERSE SIDE.



TO JOB

NO.

POUR

WASH

10

PLANT

IN YARD WATER ADDED AT CUSTOMER'S RISK

WATER ADDED (GAL.)

TEST RESULTS

AIR %

SLUMP

CONC. TEMP

GALS FULL LOAD GALS 2/3 LOAD

GALS 1/9 LOAD



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269484

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CHR.

ADDITIONAL CHARGES: An additional unloading charge (\$50 per hour) may be added if the Europaser exceeds at mirrudes per yard unloading time. Additional charges may also apply to small loads and overtime (after 5.00 p.m. weekdays and Saturday define lies.

COLLECTION in the even legal action is commenced to collect payment. Purchaser, agrees to pay all reasonable attorneys less and court costs and interest shall accrue at the rate of this per month on all post due balances.

WARRANTY DISCLAIMER All warrantes either express or implied are vold if writer is added to the concrete k increase the sturns over the maximum limit indexted below or if the concrete has been on the truck for more than 90 minutes. Our concrete strength quarantee per ASTM C-90 will not be effective unless field sampling and handing has been done per ASTM C-172 and ASTM C-31 and the test table opposes with ASTM C-39 and ASTM S-39.

OFF ROAD DELIVERIES. It Purchaser orders delivery beyond the paved street or curb line, the Purchaser states that he or sine has the appropriate production of the purchaser delivery site and agrees to provide adequate methods or appropriate to the punch of the punchaser understands that Ermst does not assume any flebility or responsibility for any damage to real or personal property based by the concrete truck when it lerves the weather paved after the curb line. The Purchaser supress to foot harmless Ermst for any story property loss or damage notified as a result of this delivery and also spress to indemnify Ermst for any damage to Ermst equipment or other hose property before the size provides on the property includes metoder claimes for any damage to Ermst equipment or other hose praced the size provides on the property including metoder claimes for any damage to Ermst equipment or other hose praced the size provides and also approach to the property including metoder claimes for any connecte to that becomes sluck.

x Bin B.A. I KEI

CAUTION: CONCRETE BURNS - READ WARNING ON REVERSE SIDE

| DATE 16/18/   | 12                 | DELTECH<br>DELVERY ADDRESS                               | -POLYME!                          | RS DORP  | BIATE CHTY   | FO.#<br>=15392<br>City    | e per en en en en en en en en en en en en en |
|---------------|--------------------|--|-----------------------------------|--|--|---------------------------|--|
| (502519       |                    | 1250 S.  | LINION                            | <b>3T</b>  | E 10 10 10 10 10 10 10 10 10 10 10 10 10   | TROY                      |  |
| JOB 9         | CONTRACTOR         | CH AROSE   | THE TRI                           | <b>GCKE</b>  | Alle Carles (1994) and a second control of the cont | SPECIA                    | L INST/ORIVER COMMENTS                       |
|               |                    |  |                                   | Salaria de la companio del companio de la companio del companio de la companio della companio de la companio della companio de |  |                           | LEBENTEK<br>568                              |
| Per 189       |                    | <sup>ÆRNAME</sup><br>IRAN, ≅RYE                          | Marie e es                        | 6.00 7:48 BAC  | KTYPE<br>SK-FILL   | <sup>ORD #</sup><br>24867 |  |
| LOAD          | UNIT OF<br>MEASURE | CUMULATIVE QUANTITY                                      | ORDERED<br>QUANTITY               | PRODUCT  | DESCRIPTION  | UNIT                      | AMOUNT                                       |
| 10,00<br>1,00 | yd<br>LO           | 50.00<br>5.00  | 100.01<br>1.00                    | LOW STRENGTH MO<br>FUEL SURCHARGE  | DRTAR DOOT   |                           |  |
| 10.00         | CY                 | 50.00  | 1.90                              | WINTER CHARGE  |  |                           |  |
|               | er isgriffi riss   | 2 (1) (2) (2) (3) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4 | School Challen                    |  |  |                           |  |
| WARNI         | ı<br>NG: Wi        |  |                                   | MAY BE HARMFUL DUE TO  | 的复数化物 经一分帐款的 电压力 化二氯甲基二氯甲基   | SUBTOTAL<br>TAX           |  |
|               |                    |  | e uzakile i turi i u sabi melepes | CUSTOMER COPY  |  | TOTAL                     |  |

269483





1751 944 T WATER ADDED AT CUSTOMER'S RISK WATER ADDED (GAL.) ON GALS FULL LOAD GALS 2/3 LOAD GALS 1/3 LOAD WASH TEST RESULTS

TERMS AND CONDITIONS.

ADDITIONAL CHARGES: An additional unleading charpe \$500 per hour) may be added if the Purmasece minutes per sed vinceding time. Additional charges may also apply to small loads and overtime (latter \$500 p.m. and Saturday deliveries.

COLLECTION: In the event legal action is commercial to collect payment. Purchaser agrees to pay all attorneys less and count costs and interest shall accrue at the rate of \$600 per prorith on all past the balances.

WARRANTY DISCLAINER: All warrantes either express or implied are well if was a side to the programs the statement over the maximum limit indicated below or if the commerce has been about a more application.

#### CAUTION: CONCRETE BURNS - READ WARNING ON REVERSE SIDE

| /DATE        | CUSTOMER NAME    |                         | CUST I     | PO.  |
|--------------|------------------|-------------------------|------------|--|
| 12/18/12     | DELTECH PO       | YMERS CORP              | 16285000   | 15292  |
| TICKET P     | DELIVERY ADDRESS | Part Selection (Control | STATE CHIY | CITY CONTROL OF THE C |
| 502518       | 1250 S. UN       | ION ST                  |            | TROY   |
| ANSTRUCTIONS |                  | Sure Salar              |            | SPECIAL INSTUDRIVER COMMENTS   |
| TOR @ DELT   | TECH AROSS TH    | ETRACKS                 |            |  |

SLUMP

CONC.TEMP

PI ANT

PLT#

PREV TRK 584

9:36 BACK FILL 84867 JENKINS, DALE 8.00 51 568 AMOUNT CUMULATIVE QUANTITY ORDERED PRODUCT DESCRIPTION \* QUARTITY QUANTITY LOW STRENGTH MORTAR DOOT 100.01 40.00 10.00 yd FUEL SURCHARGE FUEL BURG. WINTER CHARBE 1.00 1.00 4.00 LD 10.00 40.00 1.00 CY 翻锁作业未到的 WET UNHARDENED CONGRETE MAY BE HARMFUL DUE TO CHEMICAL CONTENT WARNING: TAX

TIMEDUE

SEE MSDS DISCLOSURE ON REVERSE SIDE.

CUSTOMER COPY

TOTAL





| 1.575 Sept. 2                           |                | WATER ADDED AT                     |
|---|----------------|------------------------------------|
| JOB<br>TO                               | 4.09           | CUSTOMER'S RISK WATER ADDED (GAL.) |
| + ON<br>- JOB                           | 9:10           | 35 GALS FULL LOAD                  |
| POUR                                    | a :28          | GALS 2/3 LOAD                      |
| n aliki karata karata araba<br>Malamata | 1              | GALS 1/3 LOAD                      |
| WASH                                    | an an American | TEST RESULTS                       |
| то                                      |                | Alf1%                              |
| PLANT                                   |                | SLUMP                              |
| IN                                      | 10.4           | Selection -                        |
| YARD                                    | Exist No. 1996 | CONC.TEMP                          |

ADDITIONAL CHARGES: An additional unloading charge (\$60 per hour) may be added it the Purchaser exceeds six minutes per yard unloading time. Additional charges may also apply to small loads and overtime (after 5,00 p.m. weekdays) and Saturday definences.

#### CAUTION: CONCRETE BURNS - READ WARNING ON REVERSE SIDE

|   | The second of th |  | 1901        | (2) 「日本の日本の日本の日本の日本の日本の日本の日本の日本の日本の日本の日本の日本の日  |
|---|--|--|-------------|--|
| /DATE GUSTOMER N                          | IANE   | GUST #   | 1704        | \  |
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INSTRUCTIONS JOB & DELTECH AROSS THE TRACKS

TFIK #

PREV TRK

24867 LOPER, BRUCE CUMULATIVE UNIT OF MEASURE PRODUCT DESCRIPTION PRICE QUANTITY QUANTITY QUANTITY LOW STRENGTH MORTAR ODOT 100.01 10.00 yd 30.00 FUEL SURCHARGE 1,00 3,00 LD WINTER CHARGE 1.00 30.00 10.00 董歌·韩门丁是·新君莱花园。\_ SUBTOTAL WET UNHARDENED CONCRETE MAY BE HARMFUL DUE TO CHEMICAL CONTENT TAX WARNING: SEE MSDS DISCLOSURE ON REVERSE SIDE. TOTAL

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TEST RESULTS AIR %

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WATER ADDED AT

GALS FULL LOAD

GALS 2/3 LOAD

GALS 1/3 LOAD

CUSTOMER'S RISK

WATER ADDED (GAL.)



ADDITIONAL GHANGES. An additional inheading charge (\$60 per hourt,may be added if the Purchaser exceeds six minutes per varid unloading time. Additional charges may also apply to small loads and overtime (after \$00 p.m. weekdays) and Saturday deliveres.

COLLECTION. In the event legal action is commenced to collect payment, Purchase dagrees to pay all altorneys less and court oosts and interest shall accrue at the falle of 197% per morth on all past due balances.

WARRANTY DISCLAIMER: All warranties either express or implied are void it water is added to the concrete his order or increase the alump over the maximum limit imdicated below or if the concrete his been on the truck for more than 90 minutes. Our concrete strength guarantee per ASTM C-94 will not be effective unless field satisfying and handing has been done per ASTM C-172 and ASTM C-31 and the test leb complies with ASTM C-39 and ASTM-225.

OFF ROAD DELIVERIES. If Purchaser orders delivery beyond the paved street or curb line, the Purchase to rishe has full entirority to permit delivery to the regilested delivery site and agrees to provide area or approaches to the points of delivery. The Purchaser undestands that Ernst does no examine area responsibility for any damage to real or personal property caused by the concrete brick when available paved street or curb line. The Purchaser agrees to hold harmless Ernst to any sites property for a site state of this delivery and disp agrees to incernity Ernst to, any damage to Ernst explicit some sites of the delivery and disp agrees to incernity Ernst to, any damage to Ernst explicit some sites and the property including weeker charges for any concrete lines that becomes

CAUTION: CONCRETE BURNS - READ WARNING ON REVERSE SIDE

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| e THI                           | (# DRIV  | ER NAME   |  | BLUMP TIMEDUE  | Control of the Contro | Carrie delegante   |                         | out It   |
|                                 |  | ername<br>RAN, RYE  | AN4.   | <ul> <li>1 不完成的 200 200 200 200 200 200 200 200 200 20</li></ul>   | BACK FIL   | nili otsiai  | 24867                   | 911  |
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| 1 55<br>LOAD                    | E MD<br>UNIT OF<br>MEASURE<br>YCL<br>LIF<br>CY   | RAN, RYA<br>CUMULATIVE<br>QUANTITY<br>BO. BO<br>B. BO<br>BO. BO | ORDERED QUANTITY  100.01  1,00  1,00   | 8.00 9:12<br>LOW STRENGT<br>FUEL SURGHA<br>WINTER CHAR   | BACK FILE RODUCT DESCRIPTION H MORTAR ROE ROE  | COUT   | UNIT PRICE              |  |

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WATER ADDED AT TO JOB CUSTOMER'S RISK WANTER ADDED (GAL.) ON JOB BALS FULL LOAD GALS 2/3 LOAD POUR

GALS 1/3 LOAD

SLUMP

WASH TEST RESULTS AIR % PLANT

CONC. TEMP

DRIVER NAME

TERMS AND CONDITIONS

ADDITIONAL CHARGES: An explicitle unipeding charge (\$50 per hour) may be enided if the Purchaser exceeds inhouse per year unicating time. Additional charges may also apply to small loads and overtime (after 500 p.m. weekd; and Saturnary deficiels.

COLLECTION: In the event legal action is combined to collect payment, Purchaser agrees to pay all reasons attorners less and count costs and indexes shall accribe allow talls of 15° per month on all past dise hallower.

WARRAND DISCLANCE.

atterneys less and court costs and interest shall accruse at the tatle of 12% per month on all rest due balances.

WARRANTO DISCLAMER: All entraptiles either express or implied are with if write. If and on the connectes the alump over the maximum that indicated below or if the concrete by seen on the truck it has to implied. Our concrete singlety another per XTM C-94 will not be effective trainess test supplying and has been from per extra C-17% and ASTM C-31 and the test bit comprises with ASTM C-98 and XSTM -2.29.

OFF TOAD DELIVERIES, if Purchases orders delively beyond the paved street or cut, line, the Purchased state that the test applying and the properties that state and the test purchased to the contract adaptate or approaches to the points of delivery. The Purchaser probe that Erist does not assume any flat responsibility for any damage to real or personal property basised by the concrete stack when it less available paved street or cut him. The Purchaser grows to not parameter and the street or cut him. The Purchaser grows to not promote the property has or the property and also streets to not be armited as a result of this delivery and also streets to not be army damage to Erist's express to lost barmless Erist to any damage to Erist's express to be any damage to Erist's express to the any damage to Erist's express to the any damage to Erist's express to the any damage to Erist's express to the any damage to Erist's express to the any damage to Erist's express to the any damage to Erist's express to the any damage to Erist's express to the angle of the property including wrecker that give for any contributions that becomes stock.

#### CAUTION: CONCRETE BURNS - READ WARNING ON REVERSE SIDE

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|----------------|--|-----------------|------------|--|
| /DATE          | CUSTOMER NAME                                    |                 | CUST &     | PO#  |
| [12/18/12]     | - DELTECH FOLY                                   | MERS CORP       | 00038291   | 15398  |
| moker#         | DELIVERY ADDRESS                                 | ADMAYOUR TO SEE | STATE CNTY | CITY CONTRACTOR OF THE CONTRAC |
| 502513         | 1250 S. UNIC                                     | IN ST           |            | TROY   |
| / INSTRUCTIONS |  |                 |            | SPECIAL INST/DRIVER COMMENTS   |

JOB @ DELTECH AROSS THE TRACKS

PREVIEK

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568 51 JENKINS, DALE 24867 **8.00** 9:00 BACK FILL UNIT OF LOAD CUMULATIVE ORDERED **AMOUNT** PRODUCT DESCRIPTION QUANTITY QUANTITY QUANTITY 10.00 100.01 10.00 LOW STRENGTH MORTAR ODOT yσ 1.00 1.00 1 D 1.00 FUEL SURCHARGE 10.00 CY WINTER CHARGE 10.00 1.00 (18) 18(18) 18(18) 18(18) 18(18) 18(18) 18(18) 18(18) 18(18) 18(18) 18(18) 18(18) SUBTOTAL

WORK TYPE

WARNING:

TRK

WET UNHARDENED CONCRETE MAY BE HARMFUL DUE TO CHEMICAL CONTENT SEE MSDS DISCLOSURE ON REVERSE SIDE.

CUSTOMER COPY

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TOTAL

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